

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

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Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-67794-1

TestAmerica Sample Delivery Group: HAQ035

Client Project/Site: Aqualon Hopewell - GW CA APR 2011

For:

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Ashland Hercules Research Center
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Wilmington, Delaware 19808

Attn: Bruce Hough

Authorized for release by:
06/07/2011 01:00:06 PM

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Case Narrative

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Job ID: 680-67794-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative 680-67794-1

Receipt

One amber liter for cleint sample WWL-3U was received broken upon receipt.

Additional acid was added upon receipt to adjust the pH to <2 for the metals containers of samples Field Dup and NAT-3 and for the TOC containers for samples Field Dup, NAT-3 and NAT-2.

All other samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: The method blank for batch 202151 contained 1,2,3-trichlorobenzene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) and was not detected in associated samples; therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 201948 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: 2-methyl-2-propanol (TBA) was detected above half the reporting limit (RL) in the following sample: WWL-3U (680-67794-11). It is suspected that this was a false positive detection, resulting from carryover from the sample that was analyzed immediately preceding. The sample was reanalyzed outside of analytical hold and 1-methyl-2-propanol (TBA) was not detected.

Method(s) 8260B: Sample WWL-3U (680-67794-11) was re-analyzed outside or analytical holding time to confirm the presence of 2-methyl-2-propanol (TBA). A continuing calibration standard (CCV) containing the following site-specific non-routine compounds was not analyzed in assosication with this sample's reanalysis run: ethylene oxide, propylene oxide and benzyl chloride. These compounds are not reported in the reanalysis (RA) run of the sample.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C LL: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 201990 exceeded control limits for the following analytes: pentachlorophenol.

Method(s) 8270C LL: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 201990 exceeded control limits for the following analyte(s): methapyrilene and hexachlorophene. These analytes have been identified as a poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C LL: The LCSD extract associated with batch 201990 and spiked with Appendix 9 target compounds was broken before it could be analyzed. As a result, precision is not available for all target analytes.

Method(s) 8270C LL: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 4 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 201675 had 3 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C LL: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 201675 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC VOA

Method(s) 8015B: The following sample(s) required a dilution which was performed outside of the analytical holding time: NAT-2 (680-67837-5), Field Dup (680-67837-3), and NAT-3 (680-67837-4).

Case Narrative

Client: Ashland Inc.
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Job ID: 680-67794-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Method(s) 8015B: Manual integration was performed on the following sample(s): CCVIS 680-201557/19 and calibrants in the Initial calibration.

No other analytical or quality issues were noted.

Metals

Method(s) 3010A: During pH adjustment, the following samples required 1milliliter (mL) of nitric acid to reach the desired pH: Field Dup (680-67837-3), NAT-3 (680-67837-4). Typically, most samples take less than 1mL to reach the desired range.

Method(s) 6020: Due to the high concentration of calcium and sodium, the matrix spike / matrix spike duplicate (MS/MSD) for batch 680-201782 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 6020: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 680-201782 were outside control limits for magnesium. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 6020: Due to the high concentration of calcium, iron, magnesium, manganese, and sodium, the matrix spike / matrix spike duplicate (MS/MSD) for batch 680-201784 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry

Method(s) 325.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 202965 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 325.2: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for batch 203198 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 351.2: Due to the high concentration of TKN, the matrix spike / matrix spike duplicate (MS/MSD) for batch 203380 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 351.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for sample MW-4 (680-67898-2 MS), MW-4 (680-67898-2 MSD) were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 375.4, 9038: The matrix spike duplicate (MSD) recoveries for batch 202914 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 375.4: The matrix spike duplicate (MSD) recoveries for batch 203200 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 353.2: The Nitrate results for Lab ID 67837-3 (Field Dup) and 67837-4 (NAT-3) were rechecked and reanalyzed due to a disparity in results for samples appearing to be field duplicates. The results of the reanalyses confirmed the original results and data has been reported as originally derived.

No other analytical or quality issues were noted.

Comments

No additional comments.

Sample Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-67794-1	LF-5	Water	04/27/11 09:30	04/28/11 10:03
680-67794-2	LF-4	Water	04/27/11 10:50	04/28/11 10:03
680-67794-3	LF-1	Water	04/27/11 09:15	04/28/11 10:03
680-67794-4	LF-2	Water	04/27/11 11:10	04/28/11 10:03
680-67794-5	LF-3	Water	04/27/11 12:20	04/28/11 10:03
680-67794-6	WWL-2	Water	04/27/11 12:45	04/28/11 10:03
680-67794-7	WWL-1	Water	04/27/11 14:35	04/28/11 10:03
680-67794-8	Trip Blank 2	Water	04/27/11 00:00	04/28/11 10:03
680-67794-9	Equipment Blank	Water	04/27/11 12:45	04/28/11 10:03
680-67794-10	WWL-3L	Water	04/27/11 16:25	04/28/11 10:03
680-67794-11	WWL-3U	Water	04/27/11 14:30	04/28/11 10:03
680-67837-1	RAB-MW2	Water	04/28/11 10:05	04/29/11 09:28
680-67837-2	RAB-MW4	Water	04/28/11 11:00	04/29/11 09:28
680-67837-3	Field Dup	Water	04/28/11 00:00	04/29/11 09:28
680-67837-4	NAT-3	Water	04/28/11 10:45	04/29/11 09:28
680-67837-5	NAT-2	Water	04/28/11 12:20	04/29/11 09:28
680-67837-6	NAT-1	Water	04/28/11 14:40	04/29/11 09:28
680-67837-7	RAB-MW3	Water	04/28/11 12:15	04/29/11 09:28
680-67837-8	MW-10	Water	04/28/11 14:40	04/29/11 09:28
680-67837-9	Field Blank	Water	04/28/11 00:00	04/29/11 09:28
680-67837-10	MW-7U	Water	04/28/11 16:35	04/29/11 09:28
680-67837-11	MW-7L	Water	04/28/11 16:40	04/29/11 09:28
680-67837-12	Trip Blank 3	Water	04/28/11 00:00	04/29/11 09:28

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TestAmerica Savannah

Method Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270C LL	Semivolatile Organic Compounds by GCMS - Low Levels	SW846	TAL SAV
8015B	Nonhalogenated Organic Compounds - Direct Injection (GC)	SW846	TAL SAV
6020	Metals (ICP/MS)	SW846	TAL SAV
325.2	Chloride	MCAWW	TAL SAV
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL SAV
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL SAV
375.4	Sulfate	MCAWW	TAL SAV
9060	Organic Carbon, Total (TOC)	SW846	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
A	The tentatively identified compound is a suspected aldol-condensation product.
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Definitions/Glossary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
✉	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

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Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-5

Date Collected: 04/27/11 09:30

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/03/11 01:01	1
Acetonitrile	40	U	40	10	ug/L			05/03/11 01:01	1
Acrolein	20	U	20	7.4	ug/L			05/03/11 01:01	1
Acrylonitrile	20	U	20	7.2	ug/L			05/03/11 01:01	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/03/11 01:01	1
Benzene	1.0	U	1.0	0.25	ug/L			05/03/11 01:01	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/03/11 01:01	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:01	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/03/11 01:01	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/03/11 01:01	1
2-Butanone	10	U	10	1.0	ug/L			05/03/11 01:01	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/03/11 01:01	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/03/11 01:01	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/03/11 01:01	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/03/11 01:01	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/03/11 01:01	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/03/11 01:01	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/03/11 01:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 01:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/03/11 01:01	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/03/11 01:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/03/11 01:01	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:01	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/03/11 01:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:01	1
1,1-Dichloroethane	0.30	J	1.0	0.25	ug/L			05/03/11 01:01	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/03/11 01:01	1
1,1-Dichloroethene	0.12	J	1.0	0.11	ug/L			05/03/11 01:01	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/03/11 01:01	1
Diethyl ether	35		10	1.0	ug/L			05/03/11 01:01	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/03/11 01:01	1
Ethylene oxide	200	U	200	200	ug/L			05/03/11 01:01	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/03/11 01:01	1
2-Hexanone	10	U	10	1.0	ug/L			05/03/11 01:01	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/03/11 01:01	1
Isobutyl alcohol	40	U	40	11	ug/L			05/03/11 01:01	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/03/11 01:01	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/03/11 01:01	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/03/11 01:01	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/03/11 01:01	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/03/11 01:01	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/03/11 01:01	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/03/11 01:01	1
Propionitrile	20	U	20	4.6	ug/L			05/03/11 01:01	1
Propylene oxide	200	U	200	200	ug/L			05/03/11 01:01	1
Styrene	1.0	U	1.0	0.11	ug/L			05/03/11 01:01	1
t-Butanol	12		5.0	2.6	ug/L			05/03/11 01:01	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/03/11 01:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/03/11 01:01	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-5

Lab Sample ID: 680-67794-1

Date Collected: 04/27/11 09:30

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 01:01	1
Toluene	1.0	U	1.0	0.33	ug/L			05/03/11 01:01	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/03/11 01:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/03/11 01:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/03/11 01:01	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/03/11 01:01	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/03/11 01:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/03/11 01:01	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/03/11 01:01	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:01	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/03/11 01:01	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/03/11 01:01	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/03/11 01:01	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/03/11 01:01	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/03/11 01:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		70 - 130					05/03/11 01:01	1
Dibromofluoromethane	101		70 - 130					05/03/11 01:01	1
Toluene-d8 (Surr)	103		70 - 130					05/03/11 01:01	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.20	U	0.20	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Acenaphthylene	0.20	U	0.20	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Acetophenone	0.25	J B	1.0	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
2-Acetylaminofluorene	1.0	U	1.0	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
alpha,alpha-Dimethyl phenethylamine	10	U	10	3.4	ug/L			05/03/11 14:47	05/09/11 16:43
4-Aminobiphenyl	5.0	U	5.0	0.31	ug/L			05/03/11 14:47	05/09/11 16:43
Aniline	2.0	U	2.0	0.97	ug/L			05/03/11 14:47	05/09/11 16:43
Anthracene	0.20	U	0.20	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Aramite, Total	1.5	U	1.5	0.11	ug/L			05/03/11 14:47	05/09/11 16:43
Benzo[a]anthracene	0.20	U	0.20	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Benzo[a]pyrene	0.20	U	0.20	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Benzo[b]fluoranthene	0.20	U	0.20	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Benzo[g,h,i]perylene	0.20	U	0.20	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Benzo[k]fluoranthene	0.20	U	0.20	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Benzyl alcohol	1.0	U	1.0	0.14	ug/L			05/03/11 14:47	05/09/11 16:43
1,1'-Biphenyl	1.0	U	1.0	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
Bis(2-ethylhexyl) phthalate	1.2	J	2.0	0.64	ug/L			05/03/11 14:47	05/09/11 16:43
4-Bromophenyl phenyl ether	1.0	U	1.0	0.12	ug/L			05/03/11 14:47	05/09/11 16:43
Butyl benzyl phthalate	0.17	J	1.0	0.12	ug/L			05/03/11 14:47	05/09/11 16:43
4-Chloroaniline	2.0	U	2.0	0.36	ug/L			05/03/11 14:47	05/09/11 16:43
4-Chloro-3-methylphenol	1.0	U	1.0	0.12	ug/L			05/03/11 14:47	05/09/11 16:43
2-Chloronaphthalene	1.0	U	1.0	0.10	ug/L			05/03/11 14:47	05/09/11 16:43
2-Chlorophenol	1.0	U	1.0	0.12	ug/L			05/03/11 14:47	05/09/11 16:43
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.10	ug/L			05/03/11 14:47	05/09/11 16:43

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-5

Lab Sample ID: 680-67794-1

Date Collected: 04/27/11 09:30

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.20	U	0.20	0.045	ug/L		05/03/11 14:47	05/09/11 16:43	1
Diallate	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Dibenz(a,h)anthracene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Dibenzofuran	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
1,4-Dichlorobenzene	0.28	J B	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
3,3'-Dichlorobenzidine	20	U	20	2.0	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,4-Dichlorophenol	1.0	U *	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,6-Dichlorophenol	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Diethyl phthalate	1.0	U	1.0	0.11	ug/L		05/03/11 14:47	05/09/11 16:43	1
Dimethoate	2.0	U	2.0	0.12	ug/L		05/03/11 14:47	05/09/11 16:43	1
7,12-Dimethylbenz(a)anthracene	1.0	U	1.0	0.20	ug/L		05/03/11 14:47	05/09/11 16:43	1
3,3'-Dimethylbenzidine	20	U *	20	5.0	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,4-Dimethylphenol	2.0	U *	2.0	0.69	ug/L		05/03/11 14:47	05/09/11 16:43	1
Dimethyl phthalate	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Di-n-butyl phthalate	1.0	U	1.0	0.39	ug/L		05/03/11 14:47	05/09/11 16:43	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	0.13	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,4-Dinitrophenol	10	U	10	1.1	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,4-Dinitrotoluene	1.0	U	1.0	0.12	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,6-Dinitrotoluene	1.0	U	1.0	0.13	ug/L		05/03/11 14:47	05/09/11 16:43	1
Di-n-octyl phthalate	1.0	U	1.0	0.17	ug/L		05/03/11 14:47	05/09/11 16:43	1
1,4-Dioxane	0.83	J	2.0	0.31	ug/L		05/03/11 14:47	05/09/11 16:43	1
Disulfoton	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Ethyl methanesulfonate	2.0	U	2.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Ethyl Parathion	2.0	U	2.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Famphur	1.0	U	1.0	0.16	ug/L		05/03/11 14:47	05/09/11 16:43	1
Fluoranthene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Fluorene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Hexachlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Hexachlorobutadiene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Hexachlorocyclopentadiene	2.0	U	2.0	0.50	ug/L		05/03/11 14:47	05/09/11 16:43	1
Hexachloroethane	1.0	U	1.0	0.50	ug/L		05/03/11 14:47	05/09/11 16:43	1
Hexachlorophene	500	U *	500	25	ug/L		05/03/11 14:47	05/09/11 16:43	1
Hexachloropropene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Indeno[1,2,3-cd]pyrene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Isophorone	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Isosafrole	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
m-Dinitrobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Methapyrilene	200	U	200	1.3	ug/L		05/03/11 14:47	05/09/11 16:43	1
3-Methylcholanthrene	1.0	U	1.0	0.50	ug/L		05/03/11 14:47	05/09/11 16:43	1
Methyl methanesulfonate	2.0	U	2.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
2-Methylnaphthalene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Methyl parathion	1.0	U	1.0	0.13	ug/L		05/03/11 14:47	05/09/11 16:43	1
2-Methylphenol	2.0	U	2.0	0.74	ug/L		05/03/11 14:47	05/09/11 16:43	1
3 & 4 Methylphenol	2.0	U *	2.0	0.66	ug/L		05/03/11 14:47	05/09/11 16:43	1
1-Naphthalenamine	5.0	U	5.0	1.3	ug/L		05/03/11 14:47	05/09/11 16:43	1
2-Naphthalenamine	5.0	U	5.0	1.3	ug/L		05/03/11 14:47	05/09/11 16:43	1
Naphthalene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-5

Lab Sample ID: 680-67794-1

Matrix: Water

Date Collected: 04/27/11 09:30

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	1.0	U	1.0	0.50	ug/L		05/03/11 14:47	05/09/11 16:43	1
2-Nitroaniline	1.0	U	1.0	0.16	ug/L		05/03/11 14:47	05/09/11 16:43	1
3-Nitroaniline	5.0	U	5.0	0.16	ug/L		05/03/11 14:47	05/09/11 16:43	1
4-Nitroaniline	5.0	U	5.0	0.50	ug/L		05/03/11 14:47	05/09/11 16:43	1
Nitrobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
5-Nitro-o-toluidine	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
2-Nitrophenol	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
4-Nitrophenol	5.0	U	5.0	0.50	ug/L		05/03/11 14:47	05/09/11 16:43	1
4-Nitroquinoline-1-oxide	2.0	U	2.0	1.1	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosodiethylamine	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosodimethylamine	1.0	U	1.0	0.25	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosodi-n-butylamine	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.13	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.37	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosomethylethylamine	2.0	U	2.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosomorpholine	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosopiperidine	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
N-Nitrosopyrrolidine	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
o,o',o"-Triethylphosphorothioate	1.0	U	1.0	0.13	ug/L		05/03/11 14:47	05/09/11 16:43	1
o-Toluidine	1.0	U	1.0	0.13	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,2'-oxybis[1-chloropropane]	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
p-Dimethylamino azobenzene	5.0	U	5.0	0.15	ug/L		05/03/11 14:47	05/09/11 16:43	1
Pentachlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Pentachloronitrobenzene	1.0	U	1.0	0.50	ug/L		05/03/11 14:47	05/09/11 16:43	1
Pentachlorophenol	5.0	U	5.0	0.40	ug/L		05/03/11 14:47	05/09/11 16:43	1
Phenacetin	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Phenanthrone	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Phenol	1.0	U	1.0	0.13	ug/L		05/03/11 14:47	05/09/11 16:43	1
Phenyl ether	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Phorate	1.0	U	1.0	0.20	ug/L		05/03/11 14:47	05/09/11 16:43	1
2-Picoline	2.0	U	2.0	0.15	ug/L		05/03/11 14:47	05/09/11 16:43	1
p-Phenylenediamine	200	U	200	16	ug/L		05/03/11 14:47	05/09/11 16:43	1
Pronamide	1.0	U	1.0	0.12	ug/L		05/03/11 14:47	05/09/11 16:43	1
Pyrene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Pyridine	5.0	U	5.0	0.73	ug/L		05/03/11 14:47	05/09/11 16:43	1
Safrole, Total	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
2-sec-Butyl-4,6-dinitrophenol	2.0	U	2.0	0.15	ug/L		05/03/11 14:47	05/09/11 16:43	1
Sulfotep	1.0	U	1.0	0.14	ug/L		05/03/11 14:47	05/09/11 16:43	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
Thionazin	1.0	U	1.0	0.20	ug/L		05/03/11 14:47	05/09/11 16:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.12	ug/L		05/03/11 14:47	05/09/11 16:43	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.17	ug/L		05/03/11 14:47	05/09/11 16:43	1
1,3,5-Trinitrobenzene	1.0	U	1.0	0.50	ug/L		05/03/11 14:47	05/09/11 16:43	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	19	T A J	ug/L		3.98		05/03/11 14:47	05/09/11 16:43	1
Unknown	1.7	T J	ug/L		4.95		05/03/11 14:47	05/09/11 16:43	1
Unknown	9.8	T J	ug/L		5.03		05/03/11 14:47	05/09/11 16:43	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-5

Lab Sample ID: 680-67794-1

Date Collected: 04/27/11 09:30

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Organic Acid	4.6	T J	ug/L		8.67		05/03/11 14:47	05/09/11 16:43	1
Oleic Acid	7.0	T J N	ug/L		12.15	112-80-1	05/03/11 14:47	05/09/11 16:43	1
Unknown	7.1	T J	ug/L		12.35		05/03/11 14:47	05/09/11 16:43	1
Tetracosane	1.7	T J N	ug/L		13.26	646-31-1	05/03/11 14:47	05/09/11 16:43	1
(Carbethoxyethylidine)triphenylphosphora	14	T J N	ug/L		14.00	5717-37-3	05/03/11 14:47	05/09/11 16:43	1
Unknown	1.9	T J	ug/L		14.04		05/03/11 14:47	05/09/11 16:43	1
Nonadecane	1.3	T J N	ug/L		15.52	629-92-5	05/03/11 14:47	05/09/11 16:43	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		34 - 130				05/03/11 14:47	05/09/11 16:43	1
2-Fluorophenol	47		25 - 130				05/03/11 14:47	05/09/11 16:43	1
Nitrobenzene-d5	55		32 - 130				05/03/11 14:47	05/09/11 16:43	1
Phenol-d5	44		27 - 130				05/03/11 14:47	05/09/11 16:43	1
Terphenyl-d14	62		36 - 130				05/03/11 14:47	05/09/11 16:43	1
2,4,6-Tribromophenol	64		30 - 130				05/03/11 14:47	05/09/11 16:43	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			04/29/11 23:34	1
Ethanol	1000	U	1000	330	ug/L			04/29/11 23:34	1
Isopropanol	1000	U	1000	300	ug/L			04/29/11 23:34	1
Methanol	1000	U	1000	830	ug/L			04/29/11 23:34	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	83	J	100	50	ug/L		05/03/11 17:33	05/05/11 20:35	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 20:35	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 20:35	1
Barium	140		5.0	1.4	ug/L		05/03/11 17:33	05/05/11 20:35	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 20:35	1
Cadmium	0.50	U	0.50	0.13	ug/L		05/03/11 17:33	05/05/11 20:35	1
Calcium	150000		500	170	ug/L		05/03/11 17:33	05/05/11 20:35	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:33	05/05/11 20:35	1
Cobalt	0.36	J	0.50	0.12	ug/L		05/03/11 17:33	05/05/11 20:35	1
Copper	1.1	J	5.0	1.1	ug/L		05/03/11 17:33	05/05/11 20:35	1
Iron	4200		100	44	ug/L		05/03/11 17:33	05/05/11 20:35	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 20:35	1
Magnesium	11000		250	100	ug/L		05/03/11 17:33	05/05/11 20:35	1
Manganese	980		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 20:35	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 20:35	1
Nickel	2.5	J	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 20:35	1
Potassium	6300		1000	330	ug/L		05/03/11 17:33	05/05/11 20:35	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/05/11 20:35	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 20:35	1
Sodium	49000		500	170	ug/L		05/03/11 17:33	05/05/11 20:35	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 20:35	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:33	05/05/11 20:35	1
Zinc	20	U	20	8.4	ug/L		05/03/11 17:33	05/05/11 20:35	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-5

Lab Sample ID: 680-67794-1

Date Collected: 04/27/11 09:30

Matrix: Water

Date Received: 04/28/11 10:03

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130000		2000	360	ug/L			05/14/11 13:00	2
Nitrogen, Kjeldahl	340		200	150	ug/L		05/11/11 19:55	05/13/11 12:58	1
Nitrate as N	50	U	50	10	ug/L			04/28/11 17:09	1
Nitrite as N	50	U	50	10	ug/L			04/28/11 17:09	1
Sulfate	180000		50000	25000	ug/L			05/13/11 14:19	10
Total Organic Carbon	1300		1000	500	ug/L			05/13/11 10:11	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-4

Lab Sample ID: 680-67794-2

Date Collected: 04/27/11 10:50

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/03/11 01:29	1
Acetonitrile	40	U	40	10	ug/L			05/03/11 01:29	1
Acrolein	20	U	20	7.4	ug/L			05/03/11 01:29	1
Acrylonitrile	20	U	20	7.2	ug/L			05/03/11 01:29	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/03/11 01:29	1
Benzene	1.0	U	1.0	0.25	ug/L			05/03/11 01:29	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/03/11 01:29	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:29	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/03/11 01:29	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/03/11 01:29	1
2-Butanone	10	U	10	1.0	ug/L			05/03/11 01:29	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/03/11 01:29	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/03/11 01:29	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/03/11 01:29	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/03/11 01:29	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/03/11 01:29	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/03/11 01:29	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/03/11 01:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 01:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/03/11 01:29	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/03/11 01:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/03/11 01:29	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:29	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/03/11 01:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:29	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:29	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/03/11 01:29	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/03/11 01:29	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/03/11 01:29	1
Diethyl ether	10	U	10	1.0	ug/L			05/03/11 01:29	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/03/11 01:29	1
Ethylene oxide	200	U	200	200	ug/L			05/03/11 01:29	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/03/11 01:29	1
2-Hexanone	10	U	10	1.0	ug/L			05/03/11 01:29	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/03/11 01:29	1
Isobutyl alcohol	40	U	40	11	ug/L			05/03/11 01:29	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/03/11 01:29	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/03/11 01:29	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/03/11 01:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/03/11 01:29	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/03/11 01:29	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/03/11 01:29	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/03/11 01:29	1
Propionitrile	20	U	20	4.6	ug/L			05/03/11 01:29	1
Propylene oxide	200	U	200	200	ug/L			05/03/11 01:29	1
Styrene	1.0	U	1.0	0.11	ug/L			05/03/11 01:29	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/03/11 01:29	1
1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/03/11 01:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/03/11 01:29	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-4

Lab Sample ID: 680-67794-2

Matrix: Water

Date Collected: 04/27/11 10:50

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 01:29	1
Toluene	1.0	U	1.0	0.33	ug/L			05/03/11 01:29	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/03/11 01:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/03/11 01:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/03/11 01:29	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/03/11 01:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/03/11 01:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/03/11 01:29	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/03/11 01:29	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 01:29	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/03/11 01:29	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/03/11 01:29	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/03/11 01:29	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/03/11 01:29	1
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	None		ug/L					05/03/11 01:29	1
<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene	92		70 - 130					05/03/11 01:29	1
Dibromofluoromethane	104		70 - 130					05/03/11 01:29	1
Toluene-d8 (Surr)	104		70 - 130					05/03/11 01:29	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Acetophenone	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
2-Acetylaminofluorene	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
alpha,alpha-Dimethyl phenethylamine	9.5	U	9.5	3.2	ug/L			05/03/11 14:47	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L			05/03/11 14:47	1
Aniline	1.9	U	1.9	0.92	ug/L			05/03/11 14:47	1
Anthracene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Aramite, Total	1.4	U	1.4	0.10	ug/L			05/03/11 14:47	1
Benzo[a]anthracene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[a]pyrene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[b]fluoranthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[k]fluoranthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzyl alcohol	0.95	U	0.95	0.13	ug/L			05/03/11 14:47	1
1,1'-Biphenyl	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L			05/03/11 14:47	1
4-Bromophenyl phenyl ether	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
Butyl benzyl phthalate	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L			05/03/11 14:47	1
4-Chloro-3-methylphenol	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
2-Chlorophenol	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
4-Chlorophenyl phenyl ether	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-4

Lab Sample ID: 680-67794-2

Matrix: Water

Date Collected: 04/27/11 10:50

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/09/11 17:10	1
Diallate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Dibenzo furan	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
1,2-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
1,3-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
1,4-Dichlorobenzene	0.11	J B	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,4-Dichlorophenol	0.95	U *	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,6-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Diethyl phthalate	0.95	U	0.95	0.10	ug/L		05/03/11 14:47	05/09/11 17:10	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/03/11 14:47	05/09/11 17:10	1
7,12-Dimethylbenz(a)anthracene	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 17:10	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,4-Dimethylphenol	1.9	U *	1.9	0.66	ug/L		05/03/11 14:47	05/09/11 17:10	1
Dimethyl phthalate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Di-n-butyl phthalate	0.95	U	0.95	0.37	ug/L		05/03/11 14:47	05/09/11 17:10	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.12	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,4-Dinitrophenol	9.5	U	9.5	1.0	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,4-Dinitrotoluene	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,6-Dinitrotoluene	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:10	1
Di-n-octyl phthalate	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 17:10	1
1,4-Dioxane	1.9	U	1.9	0.30	ug/L		05/03/11 14:47	05/09/11 17:10	1
Disulfoton	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Ethyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Ethyl Parathion	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Famphur	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 17:10	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Fluorene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Hexachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/09/11 17:10	1
Hexachloroethane	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:10	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/09/11 17:10	1
Hexachloropropene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Isophorone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Isosafrole	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
m-Dinitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/09/11 17:10	1
3-Methylcholanthrene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:10	1
Methyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Methyl parathion	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:10	1
2-Methylphenol	1.9	U	1.9	0.70	ug/L		05/03/11 14:47	05/09/11 17:10	1
3 & 4 Methylphenol	1.9	U *	1.9	0.63	ug/L		05/03/11 14:47	05/09/11 17:10	1
1-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 17:10	1
2-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 17:10	1
Naphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-4

Lab Sample ID: 680-67794-2

Matrix: Water

Date Collected: 04/27/11 10:50

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:10	1
2-Nitroaniline	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 17:10	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/09/11 17:10	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 17:10	1
Nitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
5-Nitro-o-toluidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
2-Nitrophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 17:10	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.0	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosodiethylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosodimethylamine	0.95	U	0.95	0.24	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosodi-n-butylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.35	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosomorpholine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosopiperidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
N-Nitrosopyrrolidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
o,o",o"-Triethylphosphorothioate	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:10	1
o-Toluidine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,2'-oxybis[1-chloropropane]	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/09/11 17:10	1
Pentachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Pentachloronitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:10	1
Pentachlorophenol	4.8	U	4.8	0.38	ug/L		05/03/11 14:47	05/09/11 17:10	1
Phenacetin	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Phenanthrone	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Phenol	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:10	1
Phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Phorate	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 17:10	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 17:10	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/09/11 17:10	1
Pronamide	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 17:10	1
Pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/03/11 14:47	05/09/11 17:10	1
Safrole, Total	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 17:10	1
Sulfotep	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/09/11 17:10	1
1,2,4,5-Tetrachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,3,4,6-Tetrachlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
Thionazin	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 17:10	1
1,2,4-Trichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,4,5-Trichlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 17:10	1
2,4,6-Trichlorophenol	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 17:10	1
1,3,5-Trinitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:10	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	27	T A J	ug/L		3.98		05/03/11 14:47	05/09/11 17:10	1
Unknown	1.4	T J	ug/L		4.95		05/03/11 14:47	05/09/11 17:10	1
Unknown	6.3	T J	ug/L		5.03		05/03/11 14:47	05/09/11 17:10	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-4

Lab Sample ID: 680-67794-2

Matrix: Water

Date Collected: 04/27/11 10:50

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	2.2	T J	ug/L		8.65		05/03/11 14:47	05/09/11 17:10	1
Unknown	1.3	T J	ug/L		12.14		05/03/11 14:47	05/09/11 17:10	1
Unknown	1.4	T J	ug/L		12.17		05/03/11 14:47	05/09/11 17:10	1
Unknown	4.4	T J	ug/L		12.35		05/03/11 14:47	05/09/11 17:10	1
Octadecanoic acid, butyl ester	2.9	T J N	ug/L		13.21	123-95-5	05/03/11 14:47	05/09/11 17:10	1
(Carbethoxyethylidine)triphenylphosphine	20	T J N	ug/L		13.99	5717-37-3	05/03/11 14:47	05/09/11 17:10	1
Hexadecane	2.0	T J N	ug/L		14.05	544-76-3	05/03/11 14:47	05/09/11 17:10	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		34 - 130				05/03/11 14:47	05/09/11 17:10	1
2-Fluorophenol	55		25 - 130				05/03/11 14:47	05/09/11 17:10	1
Nitrobenzene-d5	61		32 - 130				05/03/11 14:47	05/09/11 17:10	1
Phenol-d5	54		27 - 130				05/03/11 14:47	05/09/11 17:10	1
Terphenyl-d14	76		36 - 130				05/03/11 14:47	05/09/11 17:10	1
2,4,6-Tribromophenol	73		30 - 130				05/03/11 14:47	05/09/11 17:10	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/06/11 21:11	1
Ethanol	1000	U	1000	330	ug/L			05/10/11 18:04	1
Isopropanol	1000	U	1000	300	ug/L			05/10/11 18:04	1
Methanol	1000	U	1000	830	ug/L			05/10/11 18:04	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	130		100	50	ug/L		05/03/11 17:33	05/05/11 21:10	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:10	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 21:10	1
Barium	76		5.0	1.4	ug/L		05/03/11 17:33	05/05/11 21:10	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 21:10	1
Cadmium	0.50	U	0.50	0.13	ug/L		05/03/11 17:33	05/05/11 21:10	1
Calcium	46000		500	170	ug/L		05/03/11 17:33	05/05/11 21:10	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:33	05/05/11 21:10	1
Cobalt	0.16	J	0.50	0.12	ug/L		05/03/11 17:33	05/05/11 21:10	1
Copper	5.0	U	5.0	1.1	ug/L		05/03/11 17:33	05/05/11 21:10	1
Iron	2300		100	44	ug/L		05/03/11 17:33	05/05/11 21:10	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 21:10	1
Magnesium	2800		250	100	ug/L		05/03/11 17:33	05/05/11 21:10	1
Manganese	290		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:10	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 21:10	1
Nickel	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:10	1
Potassium	4000		1000	330	ug/L		05/03/11 17:33	05/05/11 21:10	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/05/11 21:10	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 21:10	1
Sodium	12000		500	170	ug/L		05/03/11 17:33	05/05/11 21:10	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 21:10	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:33	05/05/11 21:10	1
Zinc	31		20	8.4	ug/L		05/03/11 17:33	05/05/11 21:10	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: LF-4

Lab Sample ID: 680-67794-2

Date Collected: 04/27/11 10:50
Date Received: 04/28/11 10:03

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8100		2000	360	ug/L			05/14/11 13:02	2
Nitrogen, Kjeldahl	210		200	150	ug/L		05/11/11 19:55	05/12/11 15:48	1
Nitrate as N	50	U	50	10	ug/L			04/28/11 17:15	1
Nitrite as N	50	U	50	10	ug/L			04/28/11 17:15	1
Sulfate	18000		5000	2500	ug/L			05/13/11 14:17	1
Total Organic Carbon	600	J	1000	500	ug/L			05/13/11 13:59	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-1

Lab Sample ID: 680-67794-3

Date Collected: 04/27/11 09:15

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/03/11 14:03	1
Acetonitrile	40	U	40	10	ug/L			05/03/11 14:03	1
Acrolein	20	U	20	7.4	ug/L			05/03/11 14:03	1
Acrylonitrile	20	U	20	7.2	ug/L			05/03/11 14:03	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/03/11 14:03	1
Benzene	1.0	U	1.0	0.25	ug/L			05/03/11 14:03	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/03/11 14:03	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/03/11 14:03	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/03/11 14:03	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/03/11 14:03	1
2-Butanone	10	U	10	1.0	ug/L			05/03/11 14:03	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/03/11 14:03	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/03/11 14:03	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/03/11 14:03	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/03/11 14:03	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/03/11 14:03	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/03/11 14:03	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/03/11 14:03	1
cis-1,2-Dichloroethene	0.16	J	1.0	0.15	ug/L			05/03/11 14:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/03/11 14:03	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/03/11 14:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/03/11 14:03	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/03/11 14:03	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/03/11 14:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 14:03	1
1,1-Dichloroethane	2.4		1.0	0.25	ug/L			05/03/11 14:03	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/03/11 14:03	1
1,1-Dichloroethene	2.5		1.0	0.11	ug/L			05/03/11 14:03	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/03/11 14:03	1
Diethyl ether	78		10	1.0	ug/L			05/03/11 14:03	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/03/11 14:03	1
Ethylene oxide	200	U	200	200	ug/L			05/03/11 14:03	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/03/11 14:03	1
2-Hexanone	10	U	10	1.0	ug/L			05/03/11 14:03	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/03/11 14:03	1
Isobutyl alcohol	40	U	40	11	ug/L			05/03/11 14:03	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/03/11 14:03	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/03/11 14:03	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/03/11 14:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/03/11 14:03	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/03/11 14:03	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/03/11 14:03	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/03/11 14:03	1
Propionitrile	20	U	20	4.6	ug/L			05/03/11 14:03	1
Propylene oxide	200	U	200	200	ug/L			05/03/11 14:03	1
Styrene	1.0	U	1.0	0.11	ug/L			05/03/11 14:03	1
t-Butanol	44		5.0	2.6	ug/L			05/03/11 14:03	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/03/11 14:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/03/11 14:03	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-1

Lab Sample ID: 680-67794-3

Matrix: Water

Date Collected: 04/27/11 09:15

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 14:03	1
Toluene	1.0	U	1.0	0.33	ug/L			05/03/11 14:03	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/03/11 14:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/03/11 14:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/03/11 14:03	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/03/11 14:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/03/11 14:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/03/11 14:03	1
Trichloroethylene	0.62	J	1.0	0.13	ug/L			05/03/11 14:03	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 14:03	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/03/11 14:03	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/03/11 14:03	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/03/11 14:03	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/03/11 14:03	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Methyl naphthalene isomer	11	T J N	ug/L		6.60			05/03/11 14:03	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					05/03/11 14:03	1
Dibromofluoromethane	103		70 - 130					05/03/11 14:03	1
Toluene-d8 (Surr)	103		70 - 130					05/03/11 14:03	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Acetophenone	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
2-Acetylaminofluorene	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
alpha,alpha-Dimethyl phenethylamine	9.5	U	9.5	3.2	ug/L			05/03/11 14:47	1
4-Aminobiphenyl	4.8	U	4.8	0.29	ug/L			05/03/11 14:47	1
Aniline	1.9	U	1.9	0.92	ug/L			05/03/11 14:47	1
Anthracene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Aramite, Total	1.4	U	1.4	0.10	ug/L			05/03/11 14:47	1
Benzo[a]anthracene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[a]pyrene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[b]fluoranthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[k]fluoranthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzyl alcohol	0.95	U	0.95	0.13	ug/L			05/03/11 14:47	1
1,1'-Biphenyl	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L			05/03/11 14:47	1
4-Bromophenyl phenyl ether	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
Butyl benzyl phthalate	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L			05/03/11 14:47	1
4-Chloro-3-methylphenol	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
2-Chlorophenol	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
4-Chlorophenyl phenyl ether	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-1

Lab Sample ID: 680-67794-3

Date Collected: 04/27/11 09:15

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/09/11 17:38	1
Diallate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
1,2-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
1,3-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
1,4-Dichlorobenzene	0.16	J B	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,4-Dichlorophenol	0.95	U *	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,6-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Diethyl phthalate	0.95	U	0.95	0.10	ug/L		05/03/11 14:47	05/09/11 17:38	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/03/11 14:47	05/09/11 17:38	1
7,12-Dimethylbenz(a)anthracene	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 17:38	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,4-Dimethylphenol	1.9	U *	1.9	0.66	ug/L		05/03/11 14:47	05/09/11 17:38	1
Dimethyl phthalate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Di-n-butyl phthalate	0.95	U	0.95	0.37	ug/L		05/03/11 14:47	05/09/11 17:38	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.12	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,4-Dinitrophenol	9.5	U	9.5	1.0	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,4-Dinitrotoluene	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,6-Dinitrotoluene	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:38	1
Di-n-octyl phthalate	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 17:38	1
1,4-Dioxane	2.3		1.9	0.29	ug/L		05/03/11 14:47	05/09/11 17:38	1
Disulfoton	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Ethyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Ethyl Parathion	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Famphur	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 17:38	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Fluorene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Hexachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/09/11 17:38	1
Hexachloroethane	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:38	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/09/11 17:38	1
Hexachloropropene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Isophorone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Isosafrole	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
m-Dinitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/09/11 17:38	1
3-Methylcholanthrene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:38	1
Methyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Methyl parathion	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:38	1
2-Methylphenol	1.9	U	1.9	0.70	ug/L		05/03/11 14:47	05/09/11 17:38	1
3 & 4 Methylphenol	1.9	U *	1.9	0.63	ug/L		05/03/11 14:47	05/09/11 17:38	1
1-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 17:38	1
2-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 17:38	1
Naphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-1

Lab Sample ID: 680-67794-3

Matrix: Water

Date Collected: 04/27/11 09:15

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:38	1
2-Nitroaniline	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 17:38	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/09/11 17:38	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 17:38	1
Nitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
5-Nitro-o-toluidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
2-Nitrophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 17:38	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.0	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosodiethylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosodimethylamine	0.95	U	0.95	0.24	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosodi-n-butylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.35	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosomorpholine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosopiperidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
N-Nitrosopyrrolidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
o,o',o"-Triethylphosphorothioate	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:38	1
o-Toluidine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,2'-oxybis[1-chloropropane]	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/09/11 17:38	1
Pentachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Pentachloronitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:38	1
Pentachlorophenol	4.8	U	4.8	0.38	ug/L		05/03/11 14:47	05/09/11 17:38	1
Phenacetin	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Phenanthrone	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Phenol	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 17:38	1
Phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Phorate	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 17:38	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 17:38	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/09/11 17:38	1
Pronamide	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 17:38	1
Pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Pyridine	4.8	U	4.8	0.69	ug/L		05/03/11 14:47	05/09/11 17:38	1
Safrole, Total	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 17:38	1
Sulfotep	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/09/11 17:38	1
1,2,4,5-Tetrachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,3,4,6-Tetrachlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
Thionazin	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 17:38	1
1,2,4-Trichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,4,5-Trichlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 17:38	1
2,4,6-Trichlorophenol	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 17:38	1
1,3,5-Trinitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 17:38	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	34	T A J	ug/L		3.98		05/03/11 14:47	05/09/11 17:38	1
Unknown	1.1	T J	ug/L		4.96		05/03/11 14:47	05/09/11 17:38	1
Unknown	10	T J	ug/L		5.04		05/03/11 14:47	05/09/11 17:38	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-1

Lab Sample ID: 680-67794-3

Date Collected: 04/27/11 09:15

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	2.3	T J	ug/L		5.13		05/03/11 14:47	05/09/11 17:38	1
Unknown	1.8	T J	ug/L		6.10		05/03/11 14:47	05/09/11 17:38	1
Unknown	1.9	T J	ug/L		7.13		05/03/11 14:47	05/09/11 17:38	1
Unknown	1.3	T J	ug/L		7.92		05/03/11 14:47	05/09/11 17:38	1
Unknown	1.7	T J	ug/L		8.65		05/03/11 14:47	05/09/11 17:38	1
Unknown Organic Acid	2.2	T J	ug/L		12.15		05/03/11 14:47	05/09/11 17:38	1
(Carbethoxyethylidine)triphenylphospho hora	18	T J N	ug/L		13.99	5717-37-3	05/03/11 14:47	05/09/11 17:38	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		34 - 130				05/03/11 14:47	05/09/11 17:38	1
2-Fluorophenol	63		25 - 130				05/03/11 14:47	05/09/11 17:38	1
Nitrobenzene-d5	72		32 - 130				05/03/11 14:47	05/09/11 17:38	1
Phenol-d5	60		27 - 130				05/03/11 14:47	05/09/11 17:38	1
Terphenyl-d14	79		36 - 130				05/03/11 14:47	05/09/11 17:38	1
2,4,6-Tribromophenol	81		30 - 130				05/03/11 14:47	05/09/11 17:38	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/06/11 21:35	1
Ethanol	1000	U	1000	330	ug/L			05/08/11 05:53	1
Isopropanol	1000	U	1000	300	ug/L			05/08/11 05:53	1
Methanol	1000	U	1000	830	ug/L			05/08/11 05:53	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	590		100	50	ug/L		05/03/11 17:33	05/05/11 21:17	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:17	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 21:17	1
Barium	120		5.0	1.4	ug/L		05/03/11 17:33	05/05/11 21:17	1
Beryllium	0.26	J	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 21:17	1
Cadmium	0.91		0.50	0.13	ug/L		05/03/11 17:33	05/05/11 21:17	1
Calcium	140000		500	170	ug/L		05/03/11 17:33	05/05/11 21:17	1
Chromium	2.6	J	5.0	2.5	ug/L		05/03/11 17:33	05/05/11 21:17	1
Cobalt	0.37	J	0.50	0.12	ug/L		05/03/11 17:33	05/05/11 21:17	1
Copper	1.6	J	5.0	1.1	ug/L		05/03/11 17:33	05/05/11 21:17	1
Iron	8200		100	44	ug/L		05/03/11 17:33	05/05/11 21:17	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 21:17	1
Magnesium	14000		250	100	ug/L		05/03/11 17:33	05/05/11 21:17	1
Manganese	1700		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:17	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 21:17	1
Nickel	2.4	J	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:17	1
Potassium	8200		1000	330	ug/L		05/03/11 17:33	05/05/11 21:17	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/05/11 21:17	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 21:17	1
Sodium	88000		500	170	ug/L		05/03/11 17:33	05/05/11 21:17	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 21:17	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:33	05/05/11 21:17	1
Zinc	14	J	20	8.4	ug/L		05/03/11 17:33	05/05/11 21:17	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-1

Lab Sample ID: 680-67794-3

Date Collected: 04/27/11 09:15

Matrix: Water

Date Received: 04/28/11 10:03

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120000		2000	360	ug/L			05/14/11 13:00	2
Nitrogen, Kjeldahl	500		200	150	ug/L		05/11/11 19:55	05/12/11 15:48	1
Nitrate as N	59		50	10	ug/L			04/28/11 17:16	1
Nitrite as N	50	U	50	10	ug/L			04/28/11 17:16	1
Sulfate	330000		50000	25000	ug/L			05/13/11 14:21	10
Total Organic Carbon	1400		1000	500	ug/L			05/13/11 14:30	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-2

Lab Sample ID: 680-67794-4

Date Collected: 04/27/11 11:10

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/03/11 13:06	1
Acetonitrile	40	U	40	10	ug/L			05/03/11 13:06	1
Acrolein	20	U	20	7.4	ug/L			05/03/11 13:06	1
Acrylonitrile	20	U	20	7.2	ug/L			05/03/11 13:06	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/03/11 13:06	1
Benzene	1.0	U	1.0	0.25	ug/L			05/03/11 13:06	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/03/11 13:06	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:06	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/03/11 13:06	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/03/11 13:06	1
2-Butanone	10	U	10	1.0	ug/L			05/03/11 13:06	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/03/11 13:06	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/03/11 13:06	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/03/11 13:06	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/03/11 13:06	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/03/11 13:06	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/03/11 13:06	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/03/11 13:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 13:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/03/11 13:06	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/03/11 13:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/03/11 13:06	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:06	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/03/11 13:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:06	1
1,1-Dichloroethane	0.28	J	1.0	0.25	ug/L			05/03/11 13:06	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/03/11 13:06	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/03/11 13:06	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/03/11 13:06	1
Diethyl ether	30		10	1.0	ug/L			05/03/11 13:06	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/03/11 13:06	1
Ethylene oxide	200	U	200	200	ug/L			05/03/11 13:06	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/03/11 13:06	1
2-Hexanone	10	U	10	1.0	ug/L			05/03/11 13:06	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/03/11 13:06	1
Isobutyl alcohol	40	U	40	11	ug/L			05/03/11 13:06	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/03/11 13:06	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/03/11 13:06	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/03/11 13:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/03/11 13:06	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/03/11 13:06	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/03/11 13:06	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/03/11 13:06	1
Propionitrile	20	U	20	4.6	ug/L			05/03/11 13:06	1
Propylene oxide	200	U	200	200	ug/L			05/03/11 13:06	1
Styrene	1.0	U	1.0	0.11	ug/L			05/03/11 13:06	1
t-Butanol	30		5.0	2.6	ug/L			05/03/11 13:06	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/03/11 13:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/03/11 13:06	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-2

Lab Sample ID: 680-67794-4

Matrix: Water

Date Collected: 04/27/11 11:10

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 13:06	1
Toluene	1.0	U	1.0	0.33	ug/L			05/03/11 13:06	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/03/11 13:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/03/11 13:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/03/11 13:06	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/03/11 13:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/03/11 13:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/03/11 13:06	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/03/11 13:06	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:06	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/03/11 13:06	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/03/11 13:06	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/03/11 13:06	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/03/11 13:06	1

Tentatively Identified Compound

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/03/11 13:06	1

Surrogate

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130		05/03/11 13:06	1
Dibromofluoromethane	103		70 - 130		05/03/11 13:06	1
Toluene-d8 (Surr)	102		70 - 130		05/03/11 13:06	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/06/11 21:59	1
Ethanol	1000	U	1000	330	ug/L			05/08/11 06:17	1
Isopropanol	1000	U	1000	300	ug/L			05/08/11 06:17	1
Methanol	2600		1000	830	ug/L			05/08/11 06:17	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	150		100	50	ug/L		05/03/11 17:33	05/05/11 21:24	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:24	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 21:24	1
Barium	91		5.0	1.4	ug/L		05/03/11 17:33	05/05/11 21:24	1
Beryllium	0.17	J	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 21:24	1
Cadmium	6.4		0.50	0.13	ug/L		05/03/11 17:33	05/05/11 21:24	1
Calcium	100000		500	170	ug/L		05/03/11 17:33	05/05/11 21:24	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:33	05/05/11 21:24	1
Cobalt	0.55		0.50	0.12	ug/L		05/03/11 17:33	05/05/11 21:24	1
Copper	1.2	J	5.0	1.1	ug/L		05/03/11 17:33	05/05/11 21:24	1
Iron	6000		100	44	ug/L		05/03/11 17:33	05/05/11 21:24	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 21:24	1
Magnesium	8900		250	100	ug/L		05/03/11 17:33	05/05/11 21:24	1
Manganese	970		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:24	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 21:24	1
Nickel	4.0	J	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:24	1
Potassium	7300		1000	330	ug/L		05/03/11 17:33	05/05/11 21:24	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/05/11 21:24	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 21:24	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: LF-2

Lab Sample ID: 680-67794-4

Date Collected: 04/27/11 11:10
Date Received: 04/28/11 10:03

Matrix: Water

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	54000		500	170	ug/L		05/03/11 17:33	05/05/11 21:24	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 21:24	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:33	05/05/11 21:24	1
Zinc	19	J	20	8.4	ug/L		05/03/11 17:33	05/05/11 21:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94000		2000	360	ug/L		05/14/11 13:05		2
Nitrogen, Kjeldahl	340		200	150	ug/L		05/11/11 19:55	05/12/11 15:48	1
Nitrate as N	100		50	10	ug/L			04/28/11 17:17	1
Nitrite as N	50	U	50	10	ug/L			04/28/11 17:17	1
Sulfate	170000		50000	25000	ug/L			05/13/11 14:39	10
Total Organic Carbon	1200		1000	500	ug/L			05/13/11 14:46	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-3

Lab Sample ID: 680-67794-5

Date Collected: 04/27/11 12:20

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/04/11 01:55	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 01:55	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 01:55	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 01:55	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 01:55	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 01:55	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 01:55	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 01:55	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 01:55	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 01:55	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 01:55	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 01:55	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 01:55	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 01:55	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 01:55	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 01:55	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 01:55	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 01:55	1
cis-1,2-Dichloroethene	0.20	J	1.0	0.15	ug/L			05/04/11 01:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 01:55	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 01:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 01:55	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 01:55	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 01:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 01:55	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 01:55	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 01:55	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 01:55	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 01:55	1
Diethyl ether	5.9	J	10	1.0	ug/L			05/04/11 01:55	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 01:55	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 01:55	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 01:55	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 01:55	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 01:55	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 01:55	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 01:55	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 01:55	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 01:55	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 01:55	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/04/11 01:55	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 01:55	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 01:55	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 01:55	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 01:55	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 01:55	1
t-Butanol	390	E	5.0	2.6	ug/L			05/04/11 01:55	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 01:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 01:55	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-3

Lab Sample ID: 680-67794-5

Date Collected: 04/27/11 12:20

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 01:55	1
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 01:55	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 01:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 01:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 01:55	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 01:55	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 01:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 01:55	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/04/11 01:55	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 01:55	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 01:55	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 01:55	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 01:55	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 01:55	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/04/11 01:55	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130					05/04/11 01:55	1
Dibromofluoromethane	102		70 - 130					05/04/11 01:55	1
Toluene-d8 (Surr)	102		70 - 130					05/04/11 01:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	500	U	500	100	ug/L			05/03/11 15:01	20
Acetonitrile	800	U	800	200	ug/L			05/03/11 15:01	20
Acrolein	400	U	400	150	ug/L			05/03/11 15:01	20
Acrylonitrile	400	U	400	140	ug/L			05/03/11 15:01	20
Allyl chloride	20	U	20	4.0	ug/L			05/03/11 15:01	20
Benzene	20	U	20	5.0	ug/L			05/03/11 15:01	20
Benzyl chloride	20	U	20	20	ug/L			05/03/11 15:01	20
Bromodichloromethane	20	U	20	5.0	ug/L			05/03/11 15:01	20
Bromoform	20	U	20	10	ug/L			05/03/11 15:01	20
Bromomethane	20	U	20	16	ug/L			05/03/11 15:01	20
2-Butanone	200	U	200	20	ug/L			05/03/11 15:01	20
Carbon disulfide	40	U	40	12	ug/L			05/03/11 15:01	20
Carbon tetrachloride	20	U	20	10	ug/L			05/03/11 15:01	20
Chlorobenzene	20	U	20	5.0	ug/L			05/03/11 15:01	20
Chloroethane	20	U	20	20	ug/L			05/03/11 15:01	20
Chloroform	20	U	20	2.8	ug/L			05/03/11 15:01	20
Chloromethane	20	U	20	6.6	ug/L			05/03/11 15:01	20
Chloroprene	20	U	20	6.0	ug/L			05/03/11 15:01	20
cis-1,2-Dichloroethene	20	U	20	3.0	ug/L			05/03/11 15:01	20
cis-1,3-Dichloropropene	20	U	20	2.2	ug/L			05/03/11 15:01	20
Dibromochloromethane	20	U	20	2.0	ug/L			05/03/11 15:01	20
1,2-Dibromo-3-Chloropropane	20	U	20	8.8	ug/L			05/03/11 15:01	20
1,2-Dibromoethane	20	U	20	5.0	ug/L			05/03/11 15:01	20
Dibromomethane	20	U	20	4.0	ug/L			05/03/11 15:01	20
Dichlorodifluoromethane	20	U	20	5.0	ug/L			05/03/11 15:01	20
1,1-Dichloroethane	20	U	20	5.0	ug/L			05/03/11 15:01	20

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-3

Lab Sample ID: 680-67794-5

Date Collected: 04/27/11 12:20

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	20	U	20	2.0	ug/L			05/03/11 15:01	20
1,1-Dichloroethene	20	U	20	2.2	ug/L			05/03/11 15:01	20
1,2-Dichloropropane	20	U	20	2.6	ug/L			05/03/11 15:01	20
Diethyl ether	200	U	200	20	ug/L			05/03/11 15:01	20
Ethylbenzene	20	U	20	2.2	ug/L			05/03/11 15:01	20
Ethylene oxide	4000	U	4000	4000	ug/L			05/03/11 15:01	20
Ethyl methacrylate	20	U	20	5.0	ug/L			05/03/11 15:01	20
2-Hexanone	200	U	200	20	ug/L			05/03/11 15:01	20
Iodomethane	100	U	100	20	ug/L			05/03/11 15:01	20
Isobutyl alcohol	800	U	800	220	ug/L			05/03/11 15:01	20
Methacrylonitrile	400	U	400	66	ug/L			05/03/11 15:01	20
Methylene Chloride	100	U	100	20	ug/L			05/03/11 15:01	20
Methyl methacrylate	20	U	20	9.6	ug/L			05/03/11 15:01	20
4-Methyl-2-pentanone (MIBK)	200	U	200	20	ug/L			05/03/11 15:01	20
Methyl tert-butyl ether	200	U	200	4.0	ug/L			05/03/11 15:01	20
n-Heptane	20	U	20	8.4	ug/L			05/03/11 15:01	20
Pentachloroethane	100	U	100	24	ug/L			05/03/11 15:01	20
Propionitrile	400	U	400	92	ug/L			05/03/11 15:01	20
Propylene oxide	4000	U	4000	4000	ug/L			05/03/11 15:01	20
Styrene	20	U	20	2.2	ug/L			05/03/11 15:01	20
t-Butanol	300	D	100	52	ug/L			05/03/11 15:01	20
1,1,1,2-Tetrachloroethane	20	U	20	6.6	ug/L			05/03/11 15:01	20
1,1,2,2-Tetrachloroethane	20	U	20	3.6	ug/L			05/03/11 15:01	20
Tetrachloroethene	20	U	20	3.0	ug/L			05/03/11 15:01	20
Toluene	20	U	20	6.6	ug/L			05/03/11 15:01	20
trans-1,4-Dichloro-2-butene	40	U	40	10	ug/L			05/03/11 15:01	20
trans-1,2-Dichloroethene	20	U	20	4.0	ug/L			05/03/11 15:01	20
trans-1,3-Dichloropropene	20	U	20	4.2	ug/L			05/03/11 15:01	20
1,2,3-Trichlorobenzene	20	U	20	7.0	ug/L			05/03/11 15:01	20
1,1,1-Trichloroethane	20	U	20	10	ug/L			05/03/11 15:01	20
1,1,2-Trichloroethane	20	U	20	2.6	ug/L			05/03/11 15:01	20
Trichloroethylene	20	U	20	2.6	ug/L			05/03/11 15:01	20
Trichlorofluoromethane	20	U	20	5.0	ug/L			05/03/11 15:01	20
1,2,3-Trichloropropane	20	U	20	8.2	ug/L			05/03/11 15:01	20
Vinyl acetate	40	U	40	5.6	ug/L			05/03/11 15:01	20
Vinyl chloride	20	U	20	3.6	ug/L			05/03/11 15:01	20
Xylenes, Total	40	U	40	4.0	ug/L			05/03/11 15:01	20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/03/11 15:01	20
Surrogate									
4-Bromofluorobenzene	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130					05/03/11 15:01	20
Dibromofluoromethane	97		70 - 130					05/03/11 15:01	20
Toluene-d8 (Surr)	105		70 - 130					05/03/11 15:01	20

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Acetophenone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-3

Lab Sample ID: 680-67794-5

Matrix: Water

Date Collected: 04/27/11 12:20

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
alpha,alpha-Dimethyl phenethylamine	9.5	U	9.5	3.2	ug/L		05/03/11 14:47	05/09/11 18:05	1
4-Aminobiphenyl	4.7	U	4.7	0.29	ug/L		05/03/11 14:47	05/09/11 18:05	1
Aniline	1.9	U	1.9	0.92	ug/L		05/03/11 14:47	05/09/11 18:05	1
Anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Aramite, Total	1.4	U	1.4	0.10	ug/L		05/03/11 14:47	05/09/11 18:05	1
Benz[a]anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Benz[a]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Benz[b]fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Benz[g,h,i]perylene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Benz[k]fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Benzyl alcohol	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,1'-Biphenyl	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L		05/03/11 14:47	05/09/11 18:05	1
4-Bromophenyl phenyl ether	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:05	1
Butyl benzyl phthalate	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:05	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L		05/03/11 14:47	05/09/11 18:05	1
4-Chloro-3-methylphenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-Chlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:05	1
4-Chlorophenyl phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/09/11 18:05	1
Diallate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,2-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,3-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,4-Dichlorobenzene	0.12	J B	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,4-Dichlorophenol	0.95	U *	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,6-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Diethyl phthalate	0.95	U	0.95	0.10	ug/L		05/03/11 14:47	05/09/11 18:05	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/03/11 14:47	05/09/11 18:05	1
7,12-Dimethylbenz(a)anthracene	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 18:05	1
3,3'-Dimethylbenzidine	19	U *	19	4.7	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,4-Dimethylphenol	1.9	U *	1.9	0.65	ug/L		05/03/11 14:47	05/09/11 18:05	1
Dimethyl phthalate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Di-n-butyl phthalate	0.95	U	0.95	0.37	ug/L		05/03/11 14:47	05/09/11 18:05	1
4,6-Dinitro-2-methylphenol	4.7	U	4.7	0.12	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,4-Dinitrophenol	9.5	U	9.5	1.0	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,4-Dinitrotoluene	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,6-Dinitrotoluene	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:05	1
Di-n-octyl phthalate	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,4-Dioxane	14		1.9	0.29	ug/L		05/03/11 14:47	05/09/11 18:05	1
Disulfoton	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Ethyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Ethyl Parathion	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-3

Lab Sample ID: 680-67794-5

Date Collected: 04/27/11 12:20

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 18:05	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Fluorene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Hexachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.47	ug/L		05/03/11 14:47	05/09/11 18:05	1
Hexachloroethane	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 18:05	1
Hexachlorophene	470	U *	470	24	ug/L		05/03/11 14:47	05/09/11 18:05	1
Hexachloropropene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Isophorone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Isosafrole	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
m-Dinitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/09/11 18:05	1
3-Methylcholanthrene	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 18:05	1
Methyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Methyl parathion	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-Methylphenol	1.9	U	1.9	0.70	ug/L		05/03/11 14:47	05/09/11 18:05	1
3 & 4 Methylphenol	1.9	U *	1.9	0.62	ug/L		05/03/11 14:47	05/09/11 18:05	1
1-Naphthalenamine	4.7	U	4.7	1.2	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-Naphthalenamine	4.7	U	4.7	1.2	ug/L		05/03/11 14:47	05/09/11 18:05	1
Naphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,4-Naphthoquinone	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-Nitroaniline	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 18:05	1
3-Nitroaniline	4.7	U	4.7	0.15	ug/L		05/03/11 14:47	05/09/11 18:05	1
4-Nitroaniline	4.7	U	4.7	0.47	ug/L		05/03/11 14:47	05/09/11 18:05	1
Nitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
5-Nitro-o-toluidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-Nitrophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
4-Nitrophenol	4.7	U	4.7	0.47	ug/L		05/03/11 14:47	05/09/11 18:05	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.0	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosodiethylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosodimethylamine	0.95	U	0.95	0.24	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosodi-n-butylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.35	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosomorpholine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosopiperidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
N-Nitrosopyrrolidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
o,o",o"-Triethylphosphorothioate	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:05	1
o-Toluidine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,2'-oxybis[1-chloropropane]	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
p-Dimethylamino azobenzene	4.7	U	4.7	0.14	ug/L		05/03/11 14:47	05/09/11 18:05	1
Pentachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Pentachloronitrobenzene	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 18:05	1
Pentachlorophenol	4.7	U	4.7	0.38	ug/L		05/03/11 14:47	05/09/11 18:05	1
Phenacetin	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-3

Lab Sample ID: 680-67794-5

Date Collected: 04/27/11 12:20

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Phenol	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:05	1
Phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Phorate	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 18:05	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/09/11 18:05	1
Pronamide	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:05	1
Pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Pyridine	4.7	U	4.7	0.69	ug/L		05/03/11 14:47	05/09/11 18:05	1
Safrole, Total	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 18:05	1
Sulfotep	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,2,4,5-Tetrachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,3,4,6-Tetrachlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
Thionazin	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,2,4-Trichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,4,5-Trichlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:05	1
2,4,6-Trichlorophenol	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 18:05	1
1,3,5-Trinitrobenzene	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 18:05	1

Tentatively Identified Compound

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	44	T A J	ug/L		4.00		05/03/11 14:47	05/09/11 18:05	1
Unknown	200	T J	ug/L		6.12		05/03/11 14:47	05/09/11 18:05	1
Unknown	220	T J	ug/L		7.97		05/03/11 14:47	05/09/11 18:05	1
Unknown	170	T J	ug/L		9.58		05/03/11 14:47	05/09/11 18:05	1
Unknown	18	T J	ug/L		9.88		05/03/11 14:47	05/09/11 18:05	1
Unknown	42	T J	ug/L		9.92		05/03/11 14:47	05/09/11 18:05	1
Unknown	120	T J	ug/L		11.00		05/03/11 14:47	05/09/11 18:05	1
Unknown	21	T J	ug/L		12.27		05/03/11 14:47	05/09/11 18:05	1
Unknown	11	T J	ug/L		14.00		05/03/11 14:47	05/09/11 18:05	1
Unknown	11	T J	ug/L		14.64		05/03/11 14:47	05/09/11 18:05	1

Surrogate

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
2-Fluorobiphenyl	71		34 - 130		05/03/11 14:47	05/09/11 18:05	1
2-Fluorophenol	56		25 - 130		05/03/11 14:47	05/09/11 18:05	1
Nitrobenzene-d5	69		32 - 130		05/03/11 14:47	05/09/11 18:05	1
Phenol-d5	64		27 - 130		05/03/11 14:47	05/09/11 18:05	1
Terphenyl-d14	71		36 - 130		05/03/11 14:47	05/09/11 18:05	1
2,4,6-Tribromophenol	75		30 - 130		05/03/11 14:47	05/09/11 18:05	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L		05/06/11 22:23		1
Ethanol	1000	U	1000	330	ug/L		05/08/11 06:40		1
Isopropanol	1000	U	1000	300	ug/L		05/08/11 06:40		1
Methanol	1700		1000	830	ug/L		05/08/11 06:40		1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	840		100	50	ug/L		05/03/11 17:33	05/05/11 21:45	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:45	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: LF-3

Lab Sample ID: 680-67794-5

Matrix: Water

Date Collected: 04/27/11 12:20

Date Received: 04/28/11 10:03

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 21:45	1
Barium	190		5.0	1.4	ug/L		05/03/11 17:33	05/05/11 21:45	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 21:45	1
Cadmium	0.55		0.50	0.13	ug/L		05/03/11 17:33	05/05/11 21:45	1
Calcium	92000		500	170	ug/L		05/03/11 17:33	05/05/11 21:45	1
Chromium	3.0 J		5.0	2.5	ug/L		05/03/11 17:33	05/05/11 21:45	1
Cobalt	12		0.50	0.12	ug/L		05/03/11 17:33	05/05/11 21:45	1
Copper	2.7 J		5.0	1.1	ug/L		05/03/11 17:33	05/05/11 21:45	1
Iron	4400		100	44	ug/L		05/03/11 17:33	05/05/11 21:45	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 21:45	1
Magnesium	28000		250	100	ug/L		05/03/11 17:33	05/05/11 21:45	1
Manganese	6100		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:45	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 21:45	1
Nickel	16		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 21:45	1
Potassium	6800		1000	330	ug/L		05/03/11 17:33	05/05/11 21:45	1
Selenium	1.4 J		2.5	1.1	ug/L		05/03/11 17:33	05/05/11 21:45	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 21:45	1
Sodium	280000		500	170	ug/L		05/03/11 17:33	05/05/11 21:45	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 21:45	1
Vanadium	3.9 J		10	3.2	ug/L		05/03/11 17:33	05/05/11 21:45	1
Zinc	62		20	8.4	ug/L		05/03/11 17:33	05/05/11 21:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180000		2000	360	ug/L			05/14/11 13:05	2
Nitrogen, Kjeldahl	1800		200	150	ug/L		05/11/11 19:55	05/12/11 15:48	1
Nitrate as N	96		50	10	ug/L			04/28/11 17:19	1
Nitrite as N	50	U	50	10	ug/L			04/28/11 17:19	1
Sulfate	350000		100000	50000	ug/L			05/13/11 14:40	20
Total Organic Carbon	3600		1000	500	ug/L			05/13/11 15:04	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-2

Lab Sample ID: 680-67794-6

Date Collected: 04/27/11 12:45

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/03/11 13:34	1
Acetonitrile	40	U	40	10	ug/L			05/03/11 13:34	1
Acrolein	20	U	20	7.4	ug/L			05/03/11 13:34	1
Acrylonitrile	20	U	20	7.2	ug/L			05/03/11 13:34	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/03/11 13:34	1
Benzene	1.0	U	1.0	0.25	ug/L			05/03/11 13:34	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/03/11 13:34	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:34	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/03/11 13:34	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/03/11 13:34	1
2-Butanone	10	U	10	1.0	ug/L			05/03/11 13:34	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/03/11 13:34	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/03/11 13:34	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/03/11 13:34	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/03/11 13:34	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/03/11 13:34	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/03/11 13:34	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/03/11 13:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 13:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/03/11 13:34	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/03/11 13:34	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/03/11 13:34	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:34	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/03/11 13:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:34	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:34	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/03/11 13:34	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/03/11 13:34	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/03/11 13:34	1
Diethyl ether	10	U	10	1.0	ug/L			05/03/11 13:34	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/03/11 13:34	1
Ethylene oxide	200	U	200	200	ug/L			05/03/11 13:34	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/03/11 13:34	1
2-Hexanone	10	U	10	1.0	ug/L			05/03/11 13:34	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/03/11 13:34	1
Isobutyl alcohol	40	U	40	11	ug/L			05/03/11 13:34	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/03/11 13:34	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/03/11 13:34	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/03/11 13:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/03/11 13:34	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/03/11 13:34	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/03/11 13:34	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/03/11 13:34	1
Propionitrile	20	U	20	4.6	ug/L			05/03/11 13:34	1
Propylene oxide	200	U	200	200	ug/L			05/03/11 13:34	1
Styrene	1.0	U	1.0	0.11	ug/L			05/03/11 13:34	1
t-Butanol	73			5.0	2.6 ug/L			05/03/11 13:34	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/03/11 13:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/03/11 13:34	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-2

Lab Sample ID: 680-67794-6

Matrix: Water

Date Collected: 04/27/11 12:45

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 13:34	1
Toluene	1.0	U	1.0	0.33	ug/L			05/03/11 13:34	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/03/11 13:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/03/11 13:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/03/11 13:34	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/03/11 13:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/03/11 13:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/03/11 13:34	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/03/11 13:34	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 13:34	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/03/11 13:34	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/03/11 13:34	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/03/11 13:34	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/03/11 13:34	1

Tentatively Identified Compound

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/03/11 13:34	1

Surrogate

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		05/03/11 13:34	1
Dibromofluoromethane	101		70 - 130		05/03/11 13:34	1
Toluene-d8 (Surr)	104		70 - 130		05/03/11 13:34	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/06/11 22:46	1
Ethanol	1000	U	1000	330	ug/L			05/08/11 07:04	1
Isopropanol	1000	U	1000	300	ug/L			05/08/11 07:04	1
Methanol	1000	U	1000	830	ug/L			05/08/11 07:04	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1900		100	50	ug/L		05/03/11 17:33	05/06/11 02:11	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/06/11 02:11	1
Arsenic	5.0		2.5	1.3	ug/L		05/03/11 17:33	05/06/11 02:11	1
Barium	2100		5.0	1.4	ug/L		05/03/11 17:33	05/06/11 02:11	1
Beryllium	0.16	J	0.50	0.15	ug/L		05/03/11 17:33	05/06/11 02:11	1
Cadmium	0.28	J	0.50	0.13	ug/L		05/03/11 17:33	05/06/11 02:11	1
Calcium	1400000		2000	680	ug/L		05/03/11 17:33	05/05/11 21:52	4
Chromium	7.1		5.0	2.5	ug/L		05/03/11 17:33	05/06/11 02:11	1
Cobalt	110		0.50	0.12	ug/L		05/03/11 17:33	05/06/11 02:11	1
Copper	6.8		5.0	1.1	ug/L		05/03/11 17:33	05/06/11 02:11	1
Iron	13000		100	44	ug/L		05/03/11 17:33	05/06/11 02:11	1
Lead	2.1		1.5	0.50	ug/L		05/03/11 17:33	05/06/11 02:11	1
Magnesium	560000		1000	400	ug/L		05/03/11 17:33	05/05/11 21:52	4
Manganese	31000		20	8.0	ug/L		05/03/11 17:33	05/05/11 21:52	4
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/06/11 02:11	1
Nickel	27		5.0	2.0	ug/L		05/03/11 17:33	05/06/11 02:11	1
Potassium	1100		1000	330	ug/L		05/03/11 17:33	05/06/11 02:11	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/06/11 02:11	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/06/11 02:11	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: WWL-2

Lab Sample ID: 680-67794-6

Date Collected: 04/27/11 12:45
Date Received: 04/28/11 10:03

Matrix: Water

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	790000		2000	680	ug/L		05/03/11 17:33	05/05/11 21:52	4
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/06/11 02:11	1
Vanadium	4.4	J	10	3.2	ug/L		05/03/11 17:33	05/06/11 02:11	1
Zinc	26		20	8.4	ug/L		05/03/11 17:33	05/06/11 02:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5000000		100000	18000	ug/L		05/14/11 13:05	100	
Nitrogen, Kjeldahl	1100		200	150	ug/L		05/11/11 19:55	05/12/11 15:48	1
Nitrate as N	50	U	50	10	ug/L		04/28/11 17:20		1
Nitrite as N	50	U	50	10	ug/L		04/28/11 17:20		1
Sulfate	63000		10000	5000	ug/L		05/13/11 14:39		2
Total Organic Carbon	67000		1000	500	ug/L		05/13/11 15:21		1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-1

Lab Sample ID: 680-67794-7

Date Collected: 04/27/11 14:35

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	120	U	120	25	ug/L			05/03/11 16:27	5
Acetonitrile	200	U	200	50	ug/L			05/03/11 16:27	5
Acrolein	100	U	100	37	ug/L			05/03/11 16:27	5
Acrylonitrile	100	U	100	36	ug/L			05/03/11 16:27	5
Allyl chloride	5.0	U	5.0	1.0	ug/L			05/03/11 16:27	5
Benzene	5.0	U	5.0	1.2	ug/L			05/03/11 16:27	5
Benzyl chloride	5.0	U	5.0	5.0	ug/L			05/03/11 16:27	5
Bromodichloromethane	5.0	U	5.0	1.2	ug/L			05/03/11 16:27	5
Bromoform	5.0	U	5.0	2.5	ug/L			05/03/11 16:27	5
Bromomethane	5.0	U	5.0	4.0	ug/L			05/03/11 16:27	5
2-Butanone	50	U	50	5.0	ug/L			05/03/11 16:27	5
Carbon disulfide	10	U	10	3.0	ug/L			05/03/11 16:27	5
Carbon tetrachloride	5.0	U	5.0	2.5	ug/L			05/03/11 16:27	5
Chlorobenzene	5.0	U	5.0	1.2	ug/L			05/03/11 16:27	5
Chloroethane	5.0	U	5.0	5.0	ug/L			05/03/11 16:27	5
Chloroform	5.0	U	5.0	0.70	ug/L			05/03/11 16:27	5
Chloromethane	5.0	U	5.0	1.6	ug/L			05/03/11 16:27	5
Chloroprene	5.0	U	5.0	1.5	ug/L			05/03/11 16:27	5
cis-1,2-Dichloroethene	5.0	U	5.0	0.75	ug/L			05/03/11 16:27	5
cis-1,3-Dichloropropene	5.0	U	5.0	0.55	ug/L			05/03/11 16:27	5
Dibromochloromethane	5.0	U	5.0	0.50	ug/L			05/03/11 16:27	5
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.2	ug/L			05/03/11 16:27	5
1,2-Dibromoethane	5.0	U	5.0	1.2	ug/L			05/03/11 16:27	5
Dibromomethane	5.0	U	5.0	1.0	ug/L			05/03/11 16:27	5
Dichlorodifluoromethane	5.0	U	5.0	1.2	ug/L			05/03/11 16:27	5
1,1-Dichloroethane	5.0	U	5.0	1.2	ug/L			05/03/11 16:27	5
1,2-Dichloroethane	5.0	U	5.0	0.50	ug/L			05/03/11 16:27	5
1,1-Dichloroethene	5.0	U	5.0	0.55	ug/L			05/03/11 16:27	5
1,2-Dichloropropane	5.0	U	5.0	0.65	ug/L			05/03/11 16:27	5
Diethyl ether	100		50	5.0	ug/L			05/03/11 16:27	5
Ethylbenzene	5.0	U	5.0	0.55	ug/L			05/03/11 16:27	5
Ethylene oxide	1000	U	1000	1000	ug/L			05/03/11 16:27	5
Ethyl methacrylate	5.0	U	5.0	1.2	ug/L			05/03/11 16:27	5
2-Hexanone	50	U	50	5.0	ug/L			05/03/11 16:27	5
Iodomethane	25	U	25	5.0	ug/L			05/03/11 16:27	5
Isobutyl alcohol	200	U	200	55	ug/L			05/03/11 16:27	5
Methacrylonitrile	100	U	100	16	ug/L			05/03/11 16:27	5
Methylene Chloride	25	U	25	5.0	ug/L			05/03/11 16:27	5
Methyl methacrylate	5.0	U	5.0	2.4	ug/L			05/03/11 16:27	5
4-Methyl-2-pentanone (MIBK)	50	U	50	5.0	ug/L			05/03/11 16:27	5
Methyl tert-butyl ether	50	U	50	1.0	ug/L			05/03/11 16:27	5
n-Heptane	5.0	U	5.0	2.1	ug/L			05/03/11 16:27	5
Pentachloroethane	25	U	25	6.0	ug/L			05/03/11 16:27	5
Propionitrile	100	U	100	23	ug/L			05/03/11 16:27	5
Propylene oxide	1000	U	1000	1000	ug/L			05/03/11 16:27	5
Styrene	5.0	U	5.0	0.55	ug/L			05/03/11 16:27	5
t-Butanol	330		25	13	ug/L			05/03/11 16:27	5
1,1,1,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/L			05/03/11 16:27	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.90	ug/L			05/03/11 16:27	5

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-1

Lab Sample ID: 680-67794-7

Date Collected: 04/27/11 14:35

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	5.0	U	5.0	0.75	ug/L			05/03/11 16:27	5
Toluene	5.0	U	5.0	1.6	ug/L			05/03/11 16:27	5
trans-1,4-Dichloro-2-butene	10	U	10	2.5	ug/L			05/03/11 16:27	5
trans-1,2-Dichloroethene	5.0	U	5.0	1.0	ug/L			05/03/11 16:27	5
trans-1,3-Dichloropropene	5.0	U	5.0	1.0	ug/L			05/03/11 16:27	5
1,2,3-Trichlorobenzene	5.0	U	5.0	1.8	ug/L			05/03/11 16:27	5
1,1,1-Trichloroethane	5.0	U	5.0	2.5	ug/L			05/03/11 16:27	5
1,1,2-Trichloroethane	5.0	U	5.0	0.65	ug/L			05/03/11 16:27	5
Trichloroethylene	5.0	U	5.0	0.65	ug/L			05/03/11 16:27	5
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/L			05/03/11 16:27	5
1,2,3-Trichloropropane	5.0	U	5.0	2.0	ug/L			05/03/11 16:27	5
Vinyl acetate	10	U	10	1.4	ug/L			05/03/11 16:27	5
Vinyl chloride	5.0	U	5.0	0.90	ug/L			05/03/11 16:27	5
Xylenes, Total	10	U	10	1.0	ug/L			05/03/11 16:27	5
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Unknown	35	T J N	ug/L		2.02			05/03/11 16:27	5
Unknown Alkane	37	T J N	ug/L		5.42			05/03/11 16:27	5
<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene	95		70 - 130					05/03/11 16:27	5
Dibromofluoromethane	96		70 - 130					05/03/11 16:27	5
Toluene-d8 (Surr)	103		70 - 130					05/03/11 16:27	5

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/06/11 23:10	1
Ethanol	1000	U	1000	330	ug/L			05/08/11 07:28	1
Isopropanol	1000	U	1000	300	ug/L			05/08/11 07:28	1
Methanol	1000	U	1000	830	ug/L			05/08/11 07:28	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	530		100	50	ug/L		05/03/11 17:33	05/06/11 02:19	1
Antimony	2.2	J	5.0	2.0	ug/L		05/03/11 17:33	05/06/11 02:19	1
Arsenic	1.8	J	2.5	1.3	ug/L		05/03/11 17:33	05/06/11 02:19	1
Barium	520		5.0	1.4	ug/L		05/03/11 17:33	05/06/11 02:19	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:33	05/06/11 02:19	1
Cadmium	0.29	J	0.50	0.13	ug/L		05/03/11 17:33	05/06/11 02:19	1
Calcium	210000		500	170	ug/L		05/03/11 17:33	05/06/11 02:19	1
Chromium	4.9	J	5.0	2.5	ug/L		05/03/11 17:33	05/06/11 02:19	1
Cobalt	2.1		0.50	0.12	ug/L		05/03/11 17:33	05/06/11 02:19	1
Copper	1.6	J	5.0	1.1	ug/L		05/03/11 17:33	05/06/11 02:19	1
Iron	110000		100	44	ug/L		05/03/11 17:33	05/06/11 02:19	1
Lead	0.66	J	1.5	0.50	ug/L		05/03/11 17:33	05/06/11 02:19	1
Magnesium	48000		250	100	ug/L		05/03/11 17:33	05/06/11 02:19	1
Manganese	3200		5.0	2.0	ug/L		05/03/11 17:33	05/06/11 02:19	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/06/11 02:19	1
Nickel	5.5		5.0	2.0	ug/L		05/03/11 17:33	05/06/11 02:19	1
Potassium	6300		1000	330	ug/L		05/03/11 17:33	05/06/11 02:19	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/06/11 02:19	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-67794-1

Project/Site: Aqualon Hopewell - GW CA APR 2011

SDG: HAQ035

Client Sample ID: WWL-1

Lab Sample ID: 680-67794-7

Date Collected: 04/27/11 14:35

Matrix: Water

Date Received: 04/28/11 10:03

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/06/11 02:19	1
Sodium	460000		1000	340	ug/L		05/03/11 17:33	05/05/11 21:59	2
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/06/11 02:19	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:33	05/06/11 02:19	1
Zinc	14	J	20	8.4	ug/L		05/03/11 17:33	05/06/11 02:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600000		10000	1800	ug/L		05/14/11 13:05		10
Nitrogen, Kjeldahl	1400		200	150	ug/L		05/11/11 19:55	05/12/11 15:48	1
Nitrate as N	50	U	50	10	ug/L		04/28/11 17:21		1
Nitrite as N	22	J	50	10	ug/L		04/28/11 17:21		1
Sulfate	340000		50000	25000	ug/L		05/13/11 14:23		10
Total Organic Carbon	280000		5000	2500	ug/L		05/16/11 15:51		5

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Trip Blank 2

Lab Sample ID: 680-67794-8

Matrix: Water

Date Collected: 04/27/11 00:00

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/04/11 19:15	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 19:15	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 19:15	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 19:15	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 19:15	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 19:15	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 19:15	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 19:15	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 19:15	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 19:15	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 19:15	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 19:15	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 19:15	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 19:15	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 19:15	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 19:15	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 19:15	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 19:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 19:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 19:15	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 19:15	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 19:15	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 19:15	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 19:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 19:15	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 19:15	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 19:15	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 19:15	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 19:15	1
Diethyl ether	10	U	10	1.0	ug/L			05/04/11 19:15	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 19:15	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 19:15	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 19:15	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 19:15	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 19:15	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 19:15	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 19:15	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 19:15	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 19:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 19:15	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/04/11 19:15	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 19:15	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 19:15	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 19:15	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 19:15	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 19:15	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 19:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 19:15	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 19:15	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Trip Blank 2

Lab Sample ID: 680-67794-8

Matrix: Water

Date Collected: 04/27/11 00:00

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 19:15	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 19:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 19:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 19:15	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 19:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 19:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 19:15	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/04/11 19:15	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 19:15	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 19:15	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 19:15	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 19:15	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 19:15	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/04/11 19:15	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		05/04/11 19:15	1
Dibromofluoromethane	103		70 - 130		05/04/11 19:15	1
Toluene-d8 (Surf)	102		70 - 130		05/04/11 19:15	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Equipment Blank

Lab Sample ID: 680-67794-9

Matrix: Water

Date Collected: 04/27/11 12:45

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/02/11 20:13	1
Acetonitrile	40	U	40	10	ug/L			05/02/11 20:13	1
Acrolein	20	U	20	7.4	ug/L			05/02/11 20:13	1
Acrylonitrile	20	U	20	7.2	ug/L			05/02/11 20:13	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/02/11 20:13	1
Benzene	1.0	U	1.0	0.25	ug/L			05/02/11 20:13	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/02/11 20:13	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/02/11 20:13	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/02/11 20:13	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/02/11 20:13	1
2-Butanone	10	U	10	1.0	ug/L			05/02/11 20:13	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/02/11 20:13	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/02/11 20:13	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/02/11 20:13	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/02/11 20:13	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/02/11 20:13	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/02/11 20:13	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/02/11 20:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/02/11 20:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/02/11 20:13	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/02/11 20:13	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/02/11 20:13	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/02/11 20:13	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/02/11 20:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/02/11 20:13	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/02/11 20:13	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/02/11 20:13	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/02/11 20:13	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/02/11 20:13	1
Diethyl ether	10	U	10	1.0	ug/L			05/02/11 20:13	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/02/11 20:13	1
Ethylene oxide	200	U	200	200	ug/L			05/02/11 20:13	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/02/11 20:13	1
2-Hexanone	10	U	10	1.0	ug/L			05/02/11 20:13	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/02/11 20:13	1
Isobutyl alcohol	40	U	40	11	ug/L			05/02/11 20:13	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/02/11 20:13	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/02/11 20:13	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/02/11 20:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/02/11 20:13	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/02/11 20:13	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/02/11 20:13	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/02/11 20:13	1
Propionitrile	20	U	20	4.6	ug/L			05/02/11 20:13	1
Propylene oxide	200	U	200	200	ug/L			05/02/11 20:13	1
Styrene	1.0	U	1.0	0.11	ug/L			05/02/11 20:13	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/02/11 20:13	1
1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/02/11 20:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/02/11 20:13	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Equipment Blank

Lab Sample ID: 680-67794-9

Matrix: Water

Date Collected: 04/27/11 12:45

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/02/11 20:13	1
Toluene	1.0	U	1.0	0.33	ug/L			05/02/11 20:13	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/02/11 20:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/02/11 20:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/02/11 20:13	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/02/11 20:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/02/11 20:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/02/11 20:13	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/02/11 20:13	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/02/11 20:13	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/02/11 20:13	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/02/11 20:13	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/02/11 20:13	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/02/11 20:13	1
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Isopropyl Alcohol	35	T J N	ug/L		1.99	67-63-0		05/02/11 20:13	1
<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene	94		70 - 130					05/02/11 20:13	1
Dibromofluoromethane	105		70 - 130					05/02/11 20:13	1
Toluene-d8 (Surr)	102		70 - 130					05/02/11 20:13	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Acetophenone	0.16	J B	0.95	0.095	ug/L			05/03/11 14:47	1
2-Acetylaminofluorene	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
alpha,alpha-Dimethyl phenethylamine	9.5	U	9.5	3.2	ug/L			05/03/11 14:47	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L			05/03/11 14:47	1
Aniline	1.9	U	1.9	0.92	ug/L			05/03/11 14:47	1
Anthracene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Aramite, Total	1.4	U	1.4	0.10	ug/L			05/03/11 14:47	1
Benzo[a]anthracene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[a]pyrene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[b]fluoranthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[k]fluoranthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzyl alcohol	0.95	U	0.95	0.13	ug/L			05/03/11 14:47	1
1,1'-Biphenyl	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L			05/03/11 14:47	1
4-Bromophenyl phenyl ether	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
Butyl benzyl phthalate	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L			05/03/11 14:47	1
4-Chloro-3-methylphenol	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
2-Chlorophenol	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
4-Chlorophenyl phenyl ether	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Equipment Blank

Lab Sample ID: 680-67794-9

Matrix: Water

Date Collected: 04/27/11 12:45

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/09/11 18:32	1
Diallate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
1,2-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
1,3-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
1,4-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,4-Dichlorophenol	0.95	U *	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,6-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Diethyl phthalate	0.95	U	0.95	0.10	ug/L		05/03/11 14:47	05/09/11 18:32	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/03/11 14:47	05/09/11 18:32	1
7,12-Dimethylbenz(a)anthracene	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 18:32	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,4-Dimethylphenol	1.9	U *	1.9	0.66	ug/L		05/03/11 14:47	05/09/11 18:32	1
Dimethyl phthalate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Di-n-butyl phthalate	0.95	U	0.95	0.37	ug/L		05/03/11 14:47	05/09/11 18:32	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.12	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,4-Dinitrophenol	9.5	U	9.5	1.0	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,4-Dinitrotoluene	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,6-Dinitrotoluene	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:32	1
Di-n-octyl phthalate	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 18:32	1
1,4-Dioxane	1.9	U	1.9	0.30	ug/L		05/03/11 14:47	05/09/11 18:32	1
Disulfoton	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Ethyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Ethyl Parathion	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Famphur	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 18:32	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Fluorene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Hexachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/09/11 18:32	1
Hexachloroethane	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 18:32	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/09/11 18:32	1
Hexachloropropene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Isophorone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Isosafrole	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
m-Dinitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/09/11 18:32	1
3-Methylcholanthrene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 18:32	1
Methyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Methyl parathion	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:32	1
2-Methylphenol	1.9	U	1.9	0.71	ug/L		05/03/11 14:47	05/09/11 18:32	1
3 & 4 Methylphenol	1.9	U *	1.9	0.63	ug/L		05/03/11 14:47	05/09/11 18:32	1
1-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 18:32	1
2-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 18:32	1
Naphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Equipment Blank

Lab Sample ID: 680-67794-9

Matrix: Water

Date Collected: 04/27/11 12:45

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 18:32	1
2-Nitroaniline	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 18:32	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/09/11 18:32	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 18:32	1
Nitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
5-Nitro-o-toluidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
2-Nitrophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 18:32	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.0	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosodiethylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosodimethylamine	0.95	U	0.95	0.24	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosodi-n-butylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.35	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosomethylalkylamine	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosomorpholine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosopiperidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
N-Nitrosopyrrolidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
o,o',o"-Triethylphosphorothioate	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:32	1
o-Toluidine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,2'-oxybis[1-chloropropane]	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/09/11 18:32	1
Pentachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Pentachloronitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 18:32	1
Pentachlorophenol	4.8	U	4.8	0.38	ug/L		05/03/11 14:47	05/09/11 18:32	1
Phenacetin	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Phenanthrone	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Phenol	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 18:32	1
Phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Phorate	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 18:32	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 18:32	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/09/11 18:32	1
Pronamide	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:32	1
Pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/03/11 14:47	05/09/11 18:32	1
Safrole, Total	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 18:32	1
Sulfotep	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/09/11 18:32	1
1,2,4,5-Tetrachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,3,4,6-Tetrachlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
Thionazin	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 18:32	1
1,2,4-Trichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,4,5-Trichlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 18:32	1
2,4,6-Trichlorophenol	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 18:32	1
1,3,5-Trinitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/09/11 18:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	21	T A J	ug/L		3.98		05/03/11 14:47	05/09/11 18:32	1
Unknown	1.8	T J	ug/L		4.95		05/03/11 14:47	05/09/11 18:32	1
Unknown	9.7	T J	ug/L		5.03		05/03/11 14:47	05/09/11 18:32	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Equipment Blank

Lab Sample ID: 680-67794-9

Matrix: Water

Date Collected: 04/27/11 12:45

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Nonanal	1.4	T J N	ug/L		6.28	124-19-6	05/03/11 14:47	05/09/11 18:32	1
Unknown	0.81	T J	ug/L		7.70		05/03/11 14:47	05/09/11 18:32	1
Unknown	3.0	T J	ug/L		8.64		05/03/11 14:47	05/09/11 18:32	1
Phenol, 2,4-bis(1,1-dimethylethyl)-	1.1	T J N	ug/L		8.91	96-76-4	05/03/11 14:47	05/09/11 18:32	1
Unknown	2.2	T J	ug/L		11.19		05/03/11 14:47	05/09/11 18:32	1
Unknown	16	T J	ug/L		13.99		05/03/11 14:47	05/09/11 18:32	1
Unknown	1.4	T J	ug/L		19.45		05/03/11 14:47	05/09/11 18:32	1
Surrogate		% Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl		70		34 - 130			05/03/11 14:47	05/09/11 18:32	1
2-Fluorophenol		60		25 - 130			05/03/11 14:47	05/09/11 18:32	1
Nitrobenzene-d5		70		32 - 130			05/03/11 14:47	05/09/11 18:32	1
Phenol-d5		57		27 - 130			05/03/11 14:47	05/09/11 18:32	1
Terphenyl-d14		79		36 - 130			05/03/11 14:47	05/09/11 18:32	1
2,4,6-Tribromophenol		73		30 - 130			05/03/11 14:47	05/09/11 18:32	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/06/11 23:34	1
Ethanol	1000	U	1000	330	ug/L			05/08/11 07:52	1
Isopropanol	1500		1000	300	ug/L			05/08/11 07:52	1
Methanol	1000	U	1000	830	ug/L			05/08/11 07:52	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	100	U	100	50	ug/L		05/03/11 17:33	05/05/11 22:06	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 22:06	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 22:06	1
Barium	5.0	U	5.0	1.4	ug/L		05/03/11 17:33	05/05/11 22:06	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 22:06	1
Cadmium	0.50	U	0.50	0.13	ug/L		05/03/11 17:33	05/05/11 22:06	1
Calcium	500	U	500	170	ug/L		05/03/11 17:33	05/05/11 22:06	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:33	05/05/11 22:06	1
Cobalt	0.50	U	0.50	0.12	ug/L		05/03/11 17:33	05/05/11 22:06	1
Copper	5.0	U	5.0	1.1	ug/L		05/03/11 17:33	05/05/11 22:06	1
Iron	100	U	100	44	ug/L		05/03/11 17:33	05/05/11 22:06	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 22:06	1
Magnesium	250	U	250	100	ug/L		05/03/11 17:33	05/05/11 22:06	1
Manganese	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 22:06	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 22:06	1
Nickel	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 22:06	1
Potassium	1000	U	1000	330	ug/L		05/03/11 17:33	05/05/11 22:06	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/05/11 22:06	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 22:06	1
Sodium	500	U	500	170	ug/L		05/03/11 17:33	05/05/11 22:06	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 22:06	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:33	05/05/11 22:06	1
Zinc	20	U	20	8.4	ug/L		05/03/11 17:33	05/05/11 22:06	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Equipment Blank

Lab Sample ID: 680-67794-9

Matrix: Water

Date Collected: 04/27/11 12:45

Date Received: 04/28/11 10:03

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000	U	1000	180	ug/L			05/14/11 13:01	1
Nitrogen, Kjeldahl	200	U	200	150	ug/L		05/11/11 19:55	05/12/11 15:48	1
Nitrate as N	58		50	10	ug/L			04/28/11 17:22	1
Nitrite as N	50	U	50	10	ug/L			04/28/11 17:22	1
Sulfate	5000	U	5000	2500	ug/L			05/13/11 13:42	1
Total Organic Carbon	620	J	1000	500	ug/L			05/13/11 16:03	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3L

Lab Sample ID: 680-67794-10

Date Collected: 04/27/11 16:25

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	500	ug/L			05/03/11 18:55	100
Acetonitrile	4000	U	4000	1000	ug/L			05/03/11 18:55	100
Acrolein	2000	U	2000	740	ug/L			05/03/11 18:55	100
Acrylonitrile	2000	U	2000	720	ug/L			05/03/11 18:55	100
Allyl chloride	100	U	100	20	ug/L			05/03/11 18:55	100
Benzene	100	U	100	25	ug/L			05/03/11 18:55	100
Benzyl chloride	100	U	100	100	ug/L			05/03/11 18:55	100
Bromodichloromethane	100	U	100	25	ug/L			05/03/11 18:55	100
Bromoform	100	U	100	50	ug/L			05/03/11 18:55	100
Bromomethane	100	U	100	80	ug/L			05/03/11 18:55	100
2-Butanone	1000	U	1000	100	ug/L			05/03/11 18:55	100
Carbon disulfide	200	U	200	60	ug/L			05/03/11 18:55	100
Carbon tetrachloride	100	U	100	50	ug/L			05/03/11 18:55	100
Chlorobenzene	100	U	100	25	ug/L			05/03/11 18:55	100
Chloroethane	100	U	100	100	ug/L			05/03/11 18:55	100
Chloroform	100	U	100	14	ug/L			05/03/11 18:55	100
Chloromethane	100	U	100	33	ug/L			05/03/11 18:55	100
Chloroprene	100	U	100	30	ug/L			05/03/11 18:55	100
cis-1,2-Dichloroethene	100	U	100	15	ug/L			05/03/11 18:55	100
cis-1,3-Dichloropropene	100	U	100	11	ug/L			05/03/11 18:55	100
Dibromochloromethane	100	U	100	10	ug/L			05/03/11 18:55	100
1,2-Dibromo-3-Chloropropane	100	U	100	44	ug/L			05/03/11 18:55	100
1,2-Dibromoethane	100	U	100	25	ug/L			05/03/11 18:55	100
Dibromomethane	100	U	100	20	ug/L			05/03/11 18:55	100
Dichlorodifluoromethane	100	U	100	25	ug/L			05/03/11 18:55	100
1,1-Dichloroethane	100	U	100	25	ug/L			05/03/11 18:55	100
1,2-Dichloroethane	100	U	100	10	ug/L			05/03/11 18:55	100
1,1-Dichloroethene	100	U	100	11	ug/L			05/03/11 18:55	100
1,2-Dichloropropane	100	U	100	13	ug/L			05/03/11 18:55	100
Diethyl ether	8100		1000	100	ug/L			05/03/11 18:55	100
Ethylbenzene	100	U	100	11	ug/L			05/03/11 18:55	100
Ethylene oxide	20000	U	20000	20000	ug/L			05/03/11 18:55	100
Ethyl methacrylate	100	U	100	25	ug/L			05/03/11 18:55	100
2-Hexanone	1000	U	1000	100	ug/L			05/03/11 18:55	100
Iodomethane	500	U	500	100	ug/L			05/03/11 18:55	100
Isobutyl alcohol	4000	U	4000	1100	ug/L			05/03/11 18:55	100
Methacrylonitrile	2000	U	2000	330	ug/L			05/03/11 18:55	100
Methylene Chloride	500	U	500	100	ug/L			05/03/11 18:55	100
Methyl methacrylate	100	U	100	48	ug/L			05/03/11 18:55	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	100	ug/L			05/03/11 18:55	100
Methyl tert-butyl ether	1000	U	1000	20	ug/L			05/03/11 18:55	100
n-Heptane	100	U	100	42	ug/L			05/03/11 18:55	100
Pentachloroethane	500	U	500	120	ug/L			05/03/11 18:55	100
Propionitrile	2000	U	2000	460	ug/L			05/03/11 18:55	100
Propylene oxide	20000	U	20000	20000	ug/L			05/03/11 18:55	100
Styrene	100	U	100	11	ug/L			05/03/11 18:55	100
t-Butanol	500	U	500	260	ug/L			05/03/11 18:55	100
1,1,2-Tetrachloroethane	100	U	100	33	ug/L			05/03/11 18:55	100
1,1,2,2-Tetrachloroethane	100	U	100	18	ug/L			05/03/11 18:55	100

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3L

Lab Sample ID: 680-67794-10

Date Collected: 04/27/11 16:25

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	100	U	100	15	ug/L			05/03/11 18:55	100
Toluene	100	U	100	33	ug/L			05/03/11 18:55	100
trans-1,4-Dichloro-2-butene	200	U	200	50	ug/L			05/03/11 18:55	100
trans-1,2-Dichloroethene	100	U	100	20	ug/L			05/03/11 18:55	100
trans-1,3-Dichloropropene	100	U	100	21	ug/L			05/03/11 18:55	100
1,2,3-Trichlorobenzene	100	U	100	35	ug/L			05/03/11 18:55	100
1,1,1-Trichloroethane	100	U	100	50	ug/L			05/03/11 18:55	100
1,1,2-Trichloroethane	100	U	100	13	ug/L			05/03/11 18:55	100
Trichloroethylene	100	U	100	13	ug/L			05/03/11 18:55	100
Trichlorofluoromethane	100	U	100	25	ug/L			05/03/11 18:55	100
1,2,3-Trichloropropane	100	U	100	41	ug/L			05/03/11 18:55	100
Vinyl acetate	200	U	200	28	ug/L			05/03/11 18:55	100
Vinyl chloride	100	U	100	18	ug/L			05/03/11 18:55	100
Xylenes, Total	200	U	200	20	ug/L			05/03/11 18:55	100

Tentatively Identified Compound

Estimated Result Qualifier Unit D RT CAS No. Prepared Analyzed Dil Fac

Tentatively Identified Compound None ug/L

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		05/03/11 18:55	100
Dibromofluoromethane	101		70 - 130		05/03/11 18:55	100
Toluene-d8 (Surr)	105		70 - 130		05/03/11 18:55	100

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Acenaphthylene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Acetophenone	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Acetylaminofluorene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
alpha,alpha-Dimethyl phenethylamine	9.6	U	9.6	3.3	ug/L		05/03/11 14:47	05/09/11 19:00	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L		05/03/11 14:47	05/09/11 19:00	1
Aniline	1.9	U	1.9	0.93	ug/L		05/03/11 14:47	05/09/11 19:00	1
Anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Aramite, Total	1.4	U	1.4	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
Benzo[a]anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Benzo[a]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Benzo[b]fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Benzo[k]fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Benzyl alcohol	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:00	1
1,1'-Biphenyl	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L		05/03/11 14:47	05/09/11 19:00	1
4-Bromophenyl phenyl ether	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
Butyl benzyl phthalate	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L		05/03/11 14:47	05/09/11 19:00	1
4-Chloro-3-methylphenol	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Chlorophenol	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
4-Chlorophenyl phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3L

Lab Sample ID: 680-67794-10

Matrix: Water

Date Collected: 04/27/11 16:25

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/09/11 19:00	1
Diallate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Dibenzofuran	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
1,2-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
1,3-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
1,4-Dichlorobenzene	0.12	J B	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,4-Dichlorophenol	0.96	U *	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,6-Dichlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Diethyl phthalate	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
7,12-Dimethylbenz(a)anthracene	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 19:00	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,4-Dimethylphenol	1.9	U *	1.9	0.66	ug/L		05/03/11 14:47	05/09/11 19:00	1
Dimethyl phthalate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Di-n-butyl phthalate	0.96	U	0.96	0.37	ug/L		05/03/11 14:47	05/09/11 19:00	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.12	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,4-Dinitrophenol	9.6	U	9.6	1.1	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,4-Dinitrotoluene	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,6-Dinitrotoluene	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:00	1
Di-n-octyl phthalate	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/09/11 19:00	1
1,4-Dioxane	18		1.9	0.30	ug/L		05/03/11 14:47	05/09/11 19:00	1
Disulfoton	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Ethyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Ethyl Parathion	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Famphur	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/09/11 19:00	1
Fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Fluorene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Hexachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Hexachlorobutadiene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/09/11 19:00	1
Hexachloroethane	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:00	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/09/11 19:00	1
Hexachloropropene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Isophorone	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Isosafrole	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
m-Dinitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/09/11 19:00	1
3-Methylcholanthrene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:00	1
Methyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Methylnaphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Methyl parathion	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Methylphenol	1.9	U	1.9	0.71	ug/L		05/03/11 14:47	05/09/11 19:00	1
3 & 4 Methylphenol	1.9	U *	1.9	0.63	ug/L		05/03/11 14:47	05/09/11 19:00	1
1-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 19:00	1
Naphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3L

Lab Sample ID: 680-67794-10

Date Collected: 04/27/11 16:25

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Nitroaniline	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/09/11 19:00	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/09/11 19:00	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 19:00	1
Nitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
5-Nitro-o-toluidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Nitrophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 19:00	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.1	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosodiethylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosodimethylamine	0.96	U	0.96	0.24	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosodi-n-butylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.35	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosomorpholine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosopiperidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
N-Nitrosopyrrolidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
o,o',o"-Triethylphosphorothioate	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:00	1
o-Toluidine	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,2'-oxybis[1-chloropropane]	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/09/11 19:00	1
Pentachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Pentachloronitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:00	1
Pentachlorophenol	4.8	U	4.8	0.38	ug/L		05/03/11 14:47	05/09/11 19:00	1
Phenacetin	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Phenanthrone	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Phenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:00	1
Phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Phorate	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 19:00	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/09/11 19:00	1
Pronamide	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
Pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/03/11 14:47	05/09/11 19:00	1
Safrole, Total	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 19:00	1
Sulfotep	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:00	1
1,2,4,5-Tetrachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,3,4,6-Tetrachlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
Thionazin	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 19:00	1
1,2,4-Trichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,4,5-Trichlorophenol	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:00	1
2,4,6-Trichlorophenol	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/09/11 19:00	1
1,3,5-Trinitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:00	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	31	T A J	ug/L		3.99		05/03/11 14:47	05/09/11 19:00	1
Unknown	9.6	T J	ug/L		4.74		05/03/11 14:47	05/09/11 19:00	1
Unknown	20	T J	ug/L		4.98		05/03/11 14:47	05/09/11 19:00	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3L

Lab Sample ID: 680-67794-10

Date Collected: 04/27/11 16:25

Matrix: Water

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	6.6	T J	ug/L		5.03		05/03/11 14:47	05/09/11 19:00	1
Unknown	15	T J	ug/L		5.71		05/03/11 14:47	05/09/11 19:00	1
Unknown	270	T J	ug/L		6.12		05/03/11 14:47	05/09/11 19:00	1
Unknown	72	T J	ug/L		7.94		05/03/11 14:47	05/09/11 19:00	1
Unknown	40	T J	ug/L		9.54		05/03/11 14:47	05/09/11 19:00	1
Unknown	18	T J	ug/L		10.98		05/03/11 14:47	05/09/11 19:00	1
(Carbethoxyethylidine)triphenylphospho hora	14	T J N	ug/L		14.00	5717-37-3	05/03/11 14:47	05/09/11 19:00	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		34 - 130				05/03/11 14:47	05/09/11 19:00	1
2-Fluorophenol	68		25 - 130				05/03/11 14:47	05/09/11 19:00	1
Nitrobenzene-d5	71		32 - 130				05/03/11 14:47	05/09/11 19:00	1
Phenol-d5	65		27 - 130				05/03/11 14:47	05/09/11 19:00	1
Terphenyl-d14	69		36 - 130				05/03/11 14:47	05/09/11 19:00	1
2,4,6-Tribromophenol	82		30 - 130				05/03/11 14:47	05/09/11 19:00	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/06/11 23:58	1
Ethanol	1000	U	1000	330	ug/L			05/08/11 08:16	1
Isopropanol	1000	U	1000	300	ug/L			05/08/11 08:16	1
Methanol	1000	U	1000	830	ug/L			05/08/11 08:16	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	740		100	50	ug/L		05/03/11 17:33	05/05/11 22:13	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 22:13	1
Arsenic	2.0	J	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 22:13	1
Barium	33		5.0	1.4	ug/L		05/03/11 17:33	05/05/11 22:13	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 22:13	1
Cadmium	0.39	J	0.50	0.13	ug/L		05/03/11 17:33	05/05/11 22:13	1
Calcium	280000		500	170	ug/L		05/03/11 17:33	05/05/11 22:13	1
Chromium	2.6	J	5.0	2.5	ug/L		05/03/11 17:33	05/05/11 22:13	1
Cobalt	65		0.50	0.12	ug/L		05/03/11 17:33	05/05/11 22:13	1
Copper	2.6	J	5.0	1.1	ug/L		05/03/11 17:33	05/05/11 22:13	1
Iron	170000		100	44	ug/L		05/03/11 17:33	05/05/11 22:13	1
Lead	0.73	J	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 22:13	1
Magnesium	83000		250	100	ug/L		05/03/11 17:33	05/05/11 22:13	1
Manganese	13000		20	8.0	ug/L		05/03/11 17:33	05/06/11 10:22	4
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 22:13	1
Nickel	12		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 22:13	1
Potassium	6500		1000	330	ug/L		05/03/11 17:33	05/05/11 22:13	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/05/11 22:13	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 22:13	1
Sodium	330000		500	170	ug/L		05/03/11 17:33	05/05/11 22:13	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 22:13	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:33	05/05/11 22:13	1
Zinc	22		20	8.4	ug/L		05/03/11 17:33	05/05/11 22:13	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3L

Lab Sample ID: 680-67794-10

Matrix: Water

Date Collected: 04/27/11 16:25

Date Received: 04/28/11 10:03

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100000		20000	3600	ug/L			05/14/11 13:05	20
Nitrogen, Kjeldahl	1300		200	150	ug/L		05/11/11 19:55	05/12/11 15:48	1
Nitrate as N	41 J		50	10	ug/L			04/28/11 17:24	1
Nitrite as N	50 U		50	10	ug/L			04/28/11 17:24	1
Sulfate	440000		100000	50000	ug/L			05/13/11 14:40	20
Total Organic Carbon	5100		1000	500	ug/L			05/13/11 16:20	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3U

Lab Sample ID: 680-67794-11

Matrix: Water

Date Collected: 04/27/11 14:30

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	250	U	250	50	ug/L			05/04/11 02:24	10
Acetonitrile	400	U	400	100	ug/L			05/04/11 02:24	10
Acrolein	200	U	200	74	ug/L			05/04/11 02:24	10
Acrylonitrile	200	U	200	72	ug/L			05/04/11 02:24	10
Allyl chloride	10	U	10	2.0	ug/L			05/04/11 02:24	10
Benzene	10	U	10	2.5	ug/L			05/04/11 02:24	10
Benzyl chloride	10	U	10	10	ug/L			05/04/11 02:24	10
Bromodichloromethane	10	U	10	2.5	ug/L			05/04/11 02:24	10
Bromoform	10	U	10	5.0	ug/L			05/04/11 02:24	10
Bromomethane	10	U	10	8.0	ug/L			05/04/11 02:24	10
2-Butanone	100	U	100	10	ug/L			05/04/11 02:24	10
Carbon disulfide	20	U	20	6.0	ug/L			05/04/11 02:24	10
Carbon tetrachloride	10	U	10	5.0	ug/L			05/04/11 02:24	10
Chlorobenzene	10	U	10	2.5	ug/L			05/04/11 02:24	10
Chloroethane	10	U	10	10	ug/L			05/04/11 02:24	10
Chloroform	10	U	10	1.4	ug/L			05/04/11 02:24	10
Chloromethane	10	U	10	3.3	ug/L			05/04/11 02:24	10
Chloroprene	10	U	10	3.0	ug/L			05/04/11 02:24	10
cis-1,2-Dichloroethene	10	U	10	1.5	ug/L			05/04/11 02:24	10
cis-1,3-Dichloropropene	10	U	10	1.1	ug/L			05/04/11 02:24	10
Dibromochloromethane	10	U	10	1.0	ug/L			05/04/11 02:24	10
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/L			05/04/11 02:24	10
1,2-Dibromoethane	10	U	10	2.5	ug/L			05/04/11 02:24	10
Dibromomethane	10	U	10	2.0	ug/L			05/04/11 02:24	10
Dichlorodifluoromethane	10	U	10	2.5	ug/L			05/04/11 02:24	10
1,1-Dichloroethane	10	U	10	2.5	ug/L			05/04/11 02:24	10
1,2-Dichloroethane	10	U	10	1.0	ug/L			05/04/11 02:24	10
1,1-Dichloroethene	10	U	10	1.1	ug/L			05/04/11 02:24	10
1,2-Dichloropropane	10	U	10	1.3	ug/L			05/04/11 02:24	10
Diethyl ether	810		100	10	ug/L			05/04/11 02:24	10
Ethylbenzene	10	U	10	1.1	ug/L			05/04/11 02:24	10
Ethylene oxide	2000	U	2000	2000	ug/L			05/04/11 02:24	10
Ethyl methacrylate	10	U	10	2.5	ug/L			05/04/11 02:24	10
2-Hexanone	100	U	100	10	ug/L			05/04/11 02:24	10
Iodomethane	50	U	50	10	ug/L			05/04/11 02:24	10
Isobutyl alcohol	400	U	400	110	ug/L			05/04/11 02:24	10
Methacrylonitrile	200	U	200	33	ug/L			05/04/11 02:24	10
Methylene Chloride	50	U	50	10	ug/L			05/04/11 02:24	10
Methyl methacrylate	10	U	10	4.8	ug/L			05/04/11 02:24	10
4-Methyl-2-pentanone (MIBK)	100	U	100	10	ug/L			05/04/11 02:24	10
Methyl tert-butyl ether	100	U	100	2.0	ug/L			05/04/11 02:24	10
n-Heptane	10	U	10	4.2	ug/L			05/04/11 02:24	10
Pentachloroethane	50	U	50	12	ug/L			05/04/11 02:24	10
Propionitrile	200	U	200	46	ug/L			05/04/11 02:24	10
Propylene oxide	2000	U	2000	2000	ug/L			05/04/11 02:24	10
Styrene	10	U	10	1.1	ug/L			05/04/11 02:24	10
t-Butanol	30 J		50	26	ug/L			05/04/11 02:24	10
1,1,1,2-Tetrachloroethane	10	U	10	3.3	ug/L			05/04/11 02:24	10
1,1,2,2-Tetrachloroethane	10	U	10	1.8	ug/L			05/04/11 02:24	10

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3U

Lab Sample ID: 680-67794-11

Matrix: Water

Date Collected: 04/27/11 14:30

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	10	U	10	1.5	ug/L			05/04/11 02:24	10
Toluene	10	U	10	3.3	ug/L			05/04/11 02:24	10
trans-1,4-Dichloro-2-butene	20	U	20	5.0	ug/L			05/04/11 02:24	10
trans-1,2-Dichloroethene	10	U	10	2.0	ug/L			05/04/11 02:24	10
trans-1,3-Dichloropropene	10	U	10	2.1	ug/L			05/04/11 02:24	10
1,2,3-Trichlorobenzene	10	U	10	3.5	ug/L			05/04/11 02:24	10
1,1,1-Trichloroethane	10	U	10	5.0	ug/L			05/04/11 02:24	10
1,1,2-Trichloroethane	10	U	10	1.3	ug/L			05/04/11 02:24	10
Trichloroethylene	10	U	10	1.3	ug/L			05/04/11 02:24	10
Trichlorofluoromethane	10	U	10	2.5	ug/L			05/04/11 02:24	10
1,2,3-Trichloropropane	10	U	10	4.1	ug/L			05/04/11 02:24	10
Vinyl acetate	20	U	20	2.8	ug/L			05/04/11 02:24	10
Vinyl chloride	10	U	10	1.8	ug/L			05/04/11 02:24	10
Xylenes, Total	20	U	20	2.0	ug/L			05/04/11 02:24	10
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>05/04/11 02:24</i>	<i>10</i>
<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene	99		70 - 130					05/04/11 02:24	10
Dibromofluoromethane	96		70 - 130					05/04/11 02:24	10
Toluene-d8 (Surr)	105		70 - 130					05/04/11 02:24	10

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	250	U H	250	50	ug/L			05/24/11 05:05	10
Acetonitrile	400	U H	400	100	ug/L			05/24/11 05:05	10
Acrolein	200	U H	200	74	ug/L			05/24/11 05:05	10
Acrylonitrile	200	U H	200	72	ug/L			05/24/11 05:05	10
Allyl chloride	10	U H	10	2.0	ug/L			05/24/11 05:05	10
Benzene	10	U H	10	2.5	ug/L			05/24/11 05:05	10
Bromodichloromethane	10	U H	10	2.5	ug/L			05/24/11 05:05	10
Bromoform	10	U H	10	5.0	ug/L			05/24/11 05:05	10
Bromomethane	10	U H	10	8.0	ug/L			05/24/11 05:05	10
2-Butanone	100	U H	100	10	ug/L			05/24/11 05:05	10
Carbon disulfide	20	U H	20	6.0	ug/L			05/24/11 05:05	10
Carbon tetrachloride	10	U H	10	5.0	ug/L			05/24/11 05:05	10
Chlorobenzene	10	U H	10	2.5	ug/L			05/24/11 05:05	10
Chloroethane	10	U H	10	10	ug/L			05/24/11 05:05	10
Chloroform	10	U H	10	1.4	ug/L			05/24/11 05:05	10
Chloromethane	10	U H	10	3.3	ug/L			05/24/11 05:05	10
Chloroprene	10	U H	10	3.0	ug/L			05/24/11 05:05	10
cis-1,2-Dichloroethene	10	U H	10	1.5	ug/L			05/24/11 05:05	10
cis-1,3-Dichloropropene	10	U H	10	1.1	ug/L			05/24/11 05:05	10
Dibromochloromethane	10	U H	10	1.0	ug/L			05/24/11 05:05	10
1,2-Dibromo-3-Chloropropane	10	U H	10	4.4	ug/L			05/24/11 05:05	10
1,2-Dibromoethane	10	U H	10	2.5	ug/L			05/24/11 05:05	10
Dibromomethane	10	U H	10	2.0	ug/L			05/24/11 05:05	10
Dichlorodifluoromethane	10	U H	10	2.5	ug/L			05/24/11 05:05	10
1,1-Dichloroethane	10	U H	10	2.5	ug/L			05/24/11 05:05	10
1,2-Dichloroethane	10	U H	10	1.0	ug/L			05/24/11 05:05	10

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3U

Lab Sample ID: 680-67794-11

Matrix: Water

Date Collected: 04/27/11 14:30

Date Received: 04/28/11 10:03

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	10	U H	10	1.1	ug/L			05/24/11 05:05	10
1,2-Dichloropropane	10	U H	10	1.3	ug/L			05/24/11 05:05	10
Diethyl ether	780	H	100	10	ug/L			05/24/11 05:05	10
Ethylbenzene	10	U H	10	1.1	ug/L			05/24/11 05:05	10
Ethyl methacrylate	10	U H	10	2.5	ug/L			05/24/11 05:05	10
2-Hexanone	100	U H	100	10	ug/L			05/24/11 05:05	10
Iodomethane	50	U H	50	10	ug/L			05/24/11 05:05	10
Isobutyl alcohol	400	U H	400	110	ug/L			05/24/11 05:05	10
Methacrylonitrile	200	U H	200	33	ug/L			05/24/11 05:05	10
Methylene Chloride	50	U H	50	10	ug/L			05/24/11 05:05	10
Methyl methacrylate	10	U H	10	4.8	ug/L			05/24/11 05:05	10
4-Methyl-2-pentanone (MIBK)	100	U H	100	10	ug/L			05/24/11 05:05	10
Methyl tert-butyl ether	100	U H	100	2.0	ug/L			05/24/11 05:05	10
n-Heptane	10	U H	10	4.2	ug/L			05/24/11 05:05	10
Pentachloroethane	50	U H	50	12	ug/L			05/24/11 05:05	10
Propionitrile	200	U H	200	46	ug/L			05/24/11 05:05	10
Styrene	10	U H	10	1.1	ug/L			05/24/11 05:05	10
t-Butanol	50	U H	50	26	ug/L			05/24/11 05:05	10
1,1,1,2-Tetrachloroethane	10	U H	10	3.3	ug/L			05/24/11 05:05	10
1,1,2,2-Tetrachloroethane	10	U H	10	1.8	ug/L			05/24/11 05:05	10
Tetrachloroethene	10	U H	10	1.5	ug/L			05/24/11 05:05	10
Toluene	10	U H	10	3.3	ug/L			05/24/11 05:05	10
trans-1,4-Dichloro-2-butene	20	U H	20	5.0	ug/L			05/24/11 05:05	10
trans-1,2-Dichloroethene	10	U H	10	2.0	ug/L			05/24/11 05:05	10
trans-1,3-Dichloropropene	10	U H	10	2.1	ug/L			05/24/11 05:05	10
1,2,3-Trichlorobenzene	10	U H	10	3.5	ug/L			05/24/11 05:05	10
1,1,1-Trichloroethane	10	U H	10	5.0	ug/L			05/24/11 05:05	10
1,1,2-Trichloroethane	10	U H	10	1.3	ug/L			05/24/11 05:05	10
Trichloroethylene	10	U H	10	1.3	ug/L			05/24/11 05:05	10
Trichlorofluoromethane	10	U H	10	2.5	ug/L			05/24/11 05:05	10
1,2,3-Trichloropropane	10	U H	10	4.1	ug/L			05/24/11 05:05	10
Vinyl acetate	20	U H	20	2.8	ug/L			05/24/11 05:05	10
Vinyl chloride	10	U H	10	1.8	ug/L			05/24/11 05:05	10
Xylenes, Total	20	U H	20	2.0	ug/L			05/24/11 05:05	10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None	H	ug/L					05/24/11 05:05	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130			10
Dibromofluoromethane	97		70 - 130			10
Toluene-d8 (Surr)	107		70 - 130			10

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Acenaphthylene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Acetophenone	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Acetylaminofluorene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
alpha,alpha-Dimethyl phenethylamine	9.6	U	9.6	3.3	ug/L		05/03/11 14:47	05/09/11 19:27	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L		05/03/11 14:47	05/09/11 19:27	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3U

Lab Sample ID: 680-67794-11

Matrix: Water

Date Collected: 04/27/11 14:30

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	1.9	U	1.9	0.93	ug/L		05/03/11 14:47	05/09/11 19:27	1
Anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Aramite, Total	1.4	U	1.4	0.11	ug/L		05/03/11 14:47	05/09/11 19:27	1
Benzo[a]anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Benzo[a]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Benzo[b]fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Benzo[k]fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Benzyl alcohol	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,1'-Biphenyl	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.62	ug/L		05/03/11 14:47	05/09/11 19:27	1
4-Bromophenyl phenyl ether	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:27	1
Butyl benzyl phthalate	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:27	1
4-Chloroaniline	1.9	U	1.9	0.35	ug/L		05/03/11 14:47	05/09/11 19:27	1
4-Chloro-3-methylphenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Chlorophenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:27	1
4-Chlorophenyl phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/09/11 19:27	1
Diallate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Dibenzofuran	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,2-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,3-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,4-Dichlorobenzene	0.11	J B	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,4-Dichlorophenol	0.96	U *	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,6-Dichlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Diethyl phthalate	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 19:27	1
Dimethoate	1.9	U	1.9	0.12	ug/L		05/03/11 14:47	05/09/11 19:27	1
7,12-Dimethylbenz(a)anthracene	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 19:27	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,4-Dimethylphenol	1.9	U *	1.9	0.66	ug/L		05/03/11 14:47	05/09/11 19:27	1
Dimethyl phthalate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Di-n-butyl phthalate	0.96	U	0.96	0.38	ug/L		05/03/11 14:47	05/09/11 19:27	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,4-Dinitrophenol	9.6	U	9.6	1.1	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,4-Dinitrotoluene	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,6-Dinitrotoluene	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
Di-n-octyl phthalate	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,4-Dioxane	3.2		1.9	0.30	ug/L		05/03/11 14:47	05/09/11 19:27	1
Disulfoton	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Ethyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Ethyl Parathion	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Famphur	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/09/11 19:27	1
Fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Fluorene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3U

Lab Sample ID: 680-67794-11

Matrix: Water

Date Collected: 04/27/11 14:30

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Hexachlorobutadiene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/09/11 19:27	1
Hexachloroethane	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:27	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/09/11 19:27	1
Hexachloropropene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Isophorone	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Isosafrole	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
m-Dinitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Methapyrilene	190	U	190	1.3	ug/L		05/03/11 14:47	05/09/11 19:27	1
3-Methylcholanthrene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:27	1
Methyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Methylnaphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Methyl parathion	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Methylphenol	1.9	U	1.9	0.71	ug/L		05/03/11 14:47	05/09/11 19:27	1
3 & 4 Methylphenol	1.9	U *	1.9	0.64	ug/L		05/03/11 14:47	05/09/11 19:27	1
1-Naphthalenamine	4.8	U	4.8	1.3	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Naphthalenamine	4.8	U	4.8	1.3	ug/L		05/03/11 14:47	05/09/11 19:27	1
Naphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,4-Naphthoquinone	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Nitroaniline	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/09/11 19:27	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/09/11 19:27	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 19:27	1
Nitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
5-Nitro-o-toluidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Nitrophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 19:27	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.1	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosodiethylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosodimethylamine	0.96	U	0.96	0.24	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosodi-n-butylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.36	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosomethylalkylamine	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosomorpholine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosopiperidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
N-Nitrosopyrrolidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
o,o",o"-Triethylphosphorothioate	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
o-Toluidine	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,2'-oxybis[1-chloropropane]	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/09/11 19:27	1
Pentachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Pentachloronitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:27	1
Pentachlorophenol	4.8	U	4.8	0.39	ug/L		05/03/11 14:47	05/09/11 19:27	1
Phenacetin	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Phenanthrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Phenol	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
Phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3U

Lab Sample ID: 680-67794-11

Matrix: Water

Date Collected: 04/27/11 14:30

Date Received: 04/28/11 10:03

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phorate	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 19:27	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/09/11 19:27	1
Pronamide	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:27	1
Pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/03/11 14:47	05/09/11 19:27	1
Safrole, Total	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 19:27	1
Sulfotepo	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,2,4,5-Tetrachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,3,4,6-Tetrachlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
Thionazin	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,2,4-Trichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,4,5-Trichlorophenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 19:27	1
2,4,6-Trichlorophenol	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/09/11 19:27	1
1,3,5-Trinitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 19:27	1

Tentatively Identified Compound

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	26	T A J	ug/L		3.98		05/03/11 14:47	05/09/11 19:27	1
Unknown	0.67	T J	ug/L		4.86		05/03/11 14:47	05/09/11 19:27	1
Unknown	1.1	T J	ug/L		4.95		05/03/11 14:47	05/09/11 19:27	1
Unknown	6.8	T J	ug/L		5.03		05/03/11 14:47	05/09/11 19:27	1
Unknown	1.2	T J	ug/L		5.55		05/03/11 14:47	05/09/11 19:27	1
Unknown	23	T J	ug/L		6.10		05/03/11 14:47	05/09/11 19:27	1
Unknown	11	T J	ug/L		7.92		05/03/11 14:47	05/09/11 19:27	1
Unknown	6.4	T J	ug/L		9.53		05/03/11 14:47	05/09/11 19:27	1
Unknown	2.0	T J	ug/L		10.97		05/03/11 14:47	05/09/11 19:27	1
(Carbethoxyethylidine)triphenylphospho hora	12	T J N	ug/L		14.00	5717-37-3	05/03/11 14:47	05/09/11 19:27	1

Surrogate

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		34 - 130		05/03/11 14:47	05/09/11 19:27
2-Fluorophenol	62		25 - 130		05/03/11 14:47	05/09/11 19:27
Nitrobenzene-d5	65		32 - 130		05/03/11 14:47	05/09/11 19:27
Phenol-d5	57		27 - 130		05/03/11 14:47	05/09/11 19:27
Terphenyl-d14	66		36 - 130		05/03/11 14:47	05/09/11 19:27
2,4,6-Tribromophenol	77		30 - 130		05/03/11 14:47	05/09/11 19:27

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L		05/07/11 00:22	05/08/11 08:40	1
Ethanol	1000	U	1000	330	ug/L		05/08/11 08:40	05/08/11 08:40	1
Isopropanol	1000	U	1000	300	ug/L		05/08/11 08:40	05/08/11 08:40	1
Methanol	1000	U	1000	830	ug/L		05/08/11 08:40	05/08/11 08:40	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	810	J	100	50	ug/L		05/03/11 17:33	05/05/11 22:20	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 22:20	1
Arsenic	1.8	J	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 22:20	1
Barium	35		5.0	1.4	ug/L		05/03/11 17:33	05/05/11 22:20	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: WWL-3U

Lab Sample ID: 680-67794-11

Matrix: Water

Date Collected: 04/27/11 14:30

Date Received: 04/28/11 10:03

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 22:20	1
Cadmium	0.40	J	0.50	0.13	ug/L		05/03/11 17:33	05/05/11 22:20	1
Calcium	270000		500	170	ug/L		05/03/11 17:33	05/05/11 22:20	1
Chromium	5.2		5.0	2.5	ug/L		05/03/11 17:33	05/05/11 22:20	1
Cobalt	48		0.50	0.12	ug/L		05/03/11 17:33	05/05/11 22:20	1
Copper	1.9	J	5.0	1.1	ug/L		05/03/11 17:33	05/05/11 22:20	1
Iron	72000		100	44	ug/L		05/03/11 17:33	05/05/11 22:20	1
Lead	0.91	J	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 22:20	1
Magnesium	82000		250	100	ug/L		05/03/11 17:33	05/05/11 22:20	1
Manganese	8800		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 22:20	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 22:20	1
Nickel	7.0		5.0	2.0	ug/L		05/03/11 17:33	05/05/11 22:20	1
Potassium	7900		1000	330	ug/L		05/03/11 17:33	05/05/11 22:20	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/05/11 22:20	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 22:20	1
Sodium	170000		500	170	ug/L		05/03/11 17:33	05/05/11 22:20	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 22:20	1
Vanadium	3.5	J	10	3.2	ug/L		05/03/11 17:33	05/05/11 22:20	1
Zinc	31		20	8.4	ug/L		05/03/11 17:33	05/05/11 22:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	720000		10000	1800	ug/L		05/14/11 13:05		10
Nitrogen, Kjeldahl	510		200	150	ug/L		05/11/11 19:55	05/12/11 15:57	1
Nitrate as N	50	U	50	10	ug/L			04/28/11 17:25	1
Nitrite as N	50	U	50	10	ug/L			04/28/11 17:25	1
Sulfate	330000		50000	25000	ug/L			05/13/11 14:25	10
Total Organic Carbon	3700		1000	500	ug/L			05/13/11 16:36	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW2

Lab Sample ID: 680-67837-1

Matrix: Water

Date Collected: 04/28/11 10:05

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.5	J	25	5.0	ug/L			05/05/11 16:27	1
Acetonitrile	40	U	40	10	ug/L			05/05/11 16:27	1
Acrolein	20	U	20	7.4	ug/L			05/05/11 16:27	1
Acrylonitrile	20	U	20	7.2	ug/L			05/05/11 16:27	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/05/11 16:27	1
Benzene	1.0	U	1.0	0.25	ug/L			05/05/11 16:27	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/05/11 16:27	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:27	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/05/11 16:27	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/05/11 16:27	1
2-Butanone	10	U	10	1.0	ug/L			05/05/11 16:27	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/05/11 16:27	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/05/11 16:27	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/05/11 16:27	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/05/11 16:27	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/05/11 16:27	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/05/11 16:27	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/05/11 16:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/05/11 16:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/05/11 16:27	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/05/11 16:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/05/11 16:27	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:27	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/05/11 16:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:27	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:27	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/05/11 16:27	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/05/11 16:27	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/05/11 16:27	1
Diethyl ether	10		10	1.0	ug/L			05/05/11 16:27	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/05/11 16:27	1
Ethylene oxide	200	U	200	200	ug/L			05/05/11 16:27	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/05/11 16:27	1
2-Hexanone	10	U	10	1.0	ug/L			05/05/11 16:27	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/05/11 16:27	1
Isobutyl alcohol	40	U	40	11	ug/L			05/05/11 16:27	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/05/11 16:27	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/05/11 16:27	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/05/11 16:27	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/05/11 16:27	1
Methyl tert-butyl ether	0.68	J	10	0.20	ug/L			05/05/11 16:27	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/05/11 16:27	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 16:27	1
Propionitrile	20	U	20	4.6	ug/L			05/05/11 16:27	1
Propylene oxide	200	U	200	200	ug/L			05/05/11 16:27	1
Styrene	1.0	U	1.0	0.11	ug/L			05/05/11 16:27	1
t-Butanol	150	E	5.0	2.6	ug/L			05/05/11 16:27	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/05/11 16:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/05/11 16:27	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW2

Lab Sample ID: 680-67837-1

Matrix: Water

Date Collected: 04/28/11 10:05

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/05/11 16:27	1
Toluene	1.0	U	1.0	0.33	ug/L			05/05/11 16:27	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/05/11 16:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/05/11 16:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/05/11 16:27	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/05/11 16:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/05/11 16:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/05/11 16:27	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/05/11 16:27	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:27	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/05/11 16:27	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/05/11 16:27	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/05/11 16:27	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/05/11 16:27	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/05/11 16:27	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130		05/05/11 16:27	1
Dibromofluoromethane	100		70 - 130		05/05/11 16:27	1
Toluene-d8 (Surr)	102		70 - 130		05/05/11 16:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	120	U	120	25	ug/L			05/05/11 22:26	5
Acetonitrile	200	U	200	50	ug/L			05/05/11 22:26	5
Acrolein	100	U	100	37	ug/L			05/05/11 22:26	5
Acrylonitrile	100	U	100	36	ug/L			05/05/11 22:26	5
Allyl chloride	5.0	U	5.0	1.0	ug/L			05/05/11 22:26	5
Benzene	5.0	U	5.0	1.2	ug/L			05/05/11 22:26	5
Benzyl chloride	5.0	U	5.0	5.0	ug/L			05/05/11 22:26	5
Bromodichloromethane	5.0	U	5.0	1.2	ug/L			05/05/11 22:26	5
Bromoform	5.0	U	5.0	2.5	ug/L			05/05/11 22:26	5
Bromomethane	5.0	U	5.0	4.0	ug/L			05/05/11 22:26	5
2-Butanone	50	U	50	5.0	ug/L			05/05/11 22:26	5
Carbon disulfide	10	U	10	3.0	ug/L			05/05/11 22:26	5
Carbon tetrachloride	5.0	U	5.0	2.5	ug/L			05/05/11 22:26	5
Chlorobenzene	5.0	U	5.0	1.2	ug/L			05/05/11 22:26	5
Chloroethane	5.0	U	5.0	5.0	ug/L			05/05/11 22:26	5
Chloroform	5.0	U	5.0	0.70	ug/L			05/05/11 22:26	5
Chloromethane	5.0	U	5.0	1.6	ug/L			05/05/11 22:26	5
Chloroprene	5.0	U	5.0	1.5	ug/L			05/05/11 22:26	5
cis-1,2-Dichloroethene	5.0	U	5.0	0.75	ug/L			05/05/11 22:26	5
cis-1,3-Dichloropropene	5.0	U	5.0	0.55	ug/L			05/05/11 22:26	5
Dibromochloromethane	5.0	U	5.0	0.50	ug/L			05/05/11 22:26	5
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.2	ug/L			05/05/11 22:26	5
1,2-Dibromoethane	5.0	U	5.0	1.2	ug/L			05/05/11 22:26	5
Dibromomethane	5.0	U	5.0	1.0	ug/L			05/05/11 22:26	5
Dichlorodifluoromethane	5.0	U	5.0	1.2	ug/L			05/05/11 22:26	5
1,1-Dichloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 22:26	5

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW2

Lab Sample ID: 680-67837-1

Matrix: Water

Date Collected: 04/28/11 10:05

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	5.0	U	5.0	0.50	ug/L			05/05/11 22:26	5
1,1-Dichloroethene	5.0	U	5.0	0.55	ug/L			05/05/11 22:26	5
1,2-Dichloropropane	5.0	U	5.0	0.65	ug/L			05/05/11 22:26	5
Diethyl ether	10	J D		50	5.0	ug/L		05/05/11 22:26	5
Ethylbenzene	5.0	U	5.0	0.55	ug/L			05/05/11 22:26	5
Ethylene oxide	1000	U	1000	1000	ug/L			05/05/11 22:26	5
Ethyl methacrylate	5.0	U	5.0	1.2	ug/L			05/05/11 22:26	5
2-Hexanone	50	U	50	5.0	ug/L			05/05/11 22:26	5
Iodomethane	25	U	25	5.0	ug/L			05/05/11 22:26	5
Isobutyl alcohol	200	U	200	55	ug/L			05/05/11 22:26	5
Methacrylonitrile	100	U	100	16	ug/L			05/05/11 22:26	5
Methylene Chloride	25	U	25	5.0	ug/L			05/05/11 22:26	5
Methyl methacrylate	5.0	U	5.0	2.4	ug/L			05/05/11 22:26	5
4-Methyl-2-pentanone (MIBK)	50	U	50	5.0	ug/L			05/05/11 22:26	5
Methyl tert-butyl ether	50	U	50	1.0	ug/L			05/05/11 22:26	5
n-Heptane	5.0	U	5.0	2.1	ug/L			05/05/11 22:26	5
Pentachloroethane	25	U	25	6.0	ug/L			05/05/11 22:26	5
Propionitrile	100	U	100	23	ug/L			05/05/11 22:26	5
Propylene oxide	1000	U	1000	1000	ug/L			05/05/11 22:26	5
Styrene	5.0	U	5.0	0.55	ug/L			05/05/11 22:26	5
t-Butanol	160	D		25	13	ug/L		05/05/11 22:26	5
1,1,1,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/L			05/05/11 22:26	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.90	ug/L			05/05/11 22:26	5
Tetrachloroethene	5.0	U	5.0	0.75	ug/L			05/05/11 22:26	5
Toluene	5.0	U	5.0	1.6	ug/L			05/05/11 22:26	5
trans-1,4-Dichloro-2-butene	10	U	10	2.5	ug/L			05/05/11 22:26	5
trans-1,2-Dichloroethene	5.0	U	5.0	1.0	ug/L			05/05/11 22:26	5
trans-1,3-Dichloropropene	5.0	U	5.0	1.0	ug/L			05/05/11 22:26	5
1,2,3-Trichlorobenzene	5.0	U	5.0	1.8	ug/L			05/05/11 22:26	5
1,1,1-Trichloroethane	5.0	U	5.0	2.5	ug/L			05/05/11 22:26	5
1,1,2-Trichloroethane	5.0	U	5.0	0.65	ug/L			05/05/11 22:26	5
Trichloroethylene	5.0	U	5.0	0.65	ug/L			05/05/11 22:26	5
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/L			05/05/11 22:26	5
1,2,3-Trichloropropane	5.0	U	5.0	2.0	ug/L			05/05/11 22:26	5
Vinyl acetate	10	U	10	1.4	ug/L			05/05/11 22:26	5
Vinyl chloride	5.0	U	5.0	0.90	ug/L			05/05/11 22:26	5
Xylenes, Total	10	U	10	1.0	ug/L			05/05/11 22:26	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/05/11 22:26	5
Surrogate									
4-Bromofluorobenzene	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130					05/05/11 22:26	5
Dibromofluoromethane	97		70 - 130					05/05/11 22:26	5
Toluene-d8 (Surr)	103		70 - 130					05/05/11 22:26	5

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/07/11 00:46	1
Ethanol	1000	U	1000	330	ug/L			05/08/11 09:04	1
Isopropanol	1000	U	1000	300	ug/L			05/08/11 09:04	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW2

Lab Sample ID: 680-67837-1

Matrix: Water

Date Collected: 04/28/11 10:05

Date Received: 04/29/11 09:28

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	1000	U	1000	830	ug/L			05/08/11 09:04	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	470		100	50	ug/L		05/03/11 17:39	05/06/11 01:08	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:08	1
Arsenic	5.6		2.5	1.3	ug/L		05/03/11 17:39	05/06/11 01:08	1
Barium	46		5.0	1.4	ug/L		05/03/11 17:39	05/06/11 01:08	1
Beryllium	0.22	J	0.50	0.15	ug/L		05/03/11 17:39	05/06/11 01:08	1
Cadmium	0.23	J	0.50	0.13	ug/L		05/03/11 17:39	05/06/11 01:08	1
Calcium	85000		500	170	ug/L		05/03/11 17:39	05/06/11 01:08	1
Chromium	6.7		5.0	2.5	ug/L		05/03/11 17:39	05/06/11 01:08	1
Cobalt	120		0.50	0.12	ug/L		05/03/11 17:39	05/06/11 01:08	1
Copper	6.2		5.0	1.1	ug/L		05/03/11 17:39	05/06/11 01:08	1
Iron	96000		100	44	ug/L		05/03/11 17:39	05/06/11 01:08	1
Lead	0.68	J	1.5	0.50	ug/L		05/03/11 17:39	05/06/11 01:08	1
Magnesium	160000		250	100	ug/L		05/03/11 17:39	05/06/11 01:08	1
Manganese	12000		10	4.0	ug/L		05/03/11 17:39	05/06/11 09:33	2
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/06/11 01:08	1
Nickel	68		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:08	1
Potassium	2200		1000	330	ug/L		05/03/11 17:39	05/06/11 01:08	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/06/11 01:08	1
Silver	0.19	J	1.0	0.18	ug/L		05/03/11 17:39	05/06/11 01:08	1
Sodium	490000		1000	340	ug/L		05/03/11 17:39	05/06/11 09:33	2
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 01:08	1
Vanadium	3.9	J	10	3.2	ug/L		05/03/11 17:39	05/06/11 01:08	1
Zinc	25		20	8.4	ug/L		05/03/11 17:39	05/06/11 01:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	530000		10000	1800	ug/L			05/17/11 11:37	10
Nitrogen, Kjeldahl	1500		200	150	ug/L		05/17/11 10:30	05/18/11 15:45	1
Nitrate as N	390		50	10	ug/L			04/29/11 17:35	1
Nitrite as N	50	U	50	10	ug/L			04/29/11 17:35	1
Sulfate	1200000		200000	100000	ug/L			05/17/11 14:14	40
Total Organic Carbon	12000		1000	500	ug/L			05/17/11 12:55	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW4

Lab Sample ID: 680-67837-2

Matrix: Water

Date Collected: 04/28/11 11:00

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/04/11 15:54	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 15:54	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 15:54	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 15:54	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 15:54	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 15:54	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 15:54	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 15:54	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 15:54	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 15:54	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 15:54	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 15:54	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 15:54	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 15:54	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 15:54	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 15:54	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 15:54	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 15:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 15:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 15:54	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 15:54	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 15:54	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 15:54	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 15:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 15:54	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 15:54	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 15:54	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 15:54	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 15:54	1
Diethyl ether	4.3	J	10	1.0	ug/L			05/04/11 15:54	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 15:54	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 15:54	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 15:54	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 15:54	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 15:54	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 15:54	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 15:54	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 15:54	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 15:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 15:54	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/04/11 15:54	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 15:54	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 15:54	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 15:54	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 15:54	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 15:54	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/04/11 15:54	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 15:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 15:54	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW4

Lab Sample ID: 680-67837-2

Matrix: Water

Date Collected: 04/28/11 11:00

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 15:54	1
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 15:54	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 15:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 15:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 15:54	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 15:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 15:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 15:54	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/04/11 15:54	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 15:54	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 15:54	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 15:54	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 15:54	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 15:54	1

Tentatively Identified Compound

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/04/11 15:54	1

Surrogate

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		05/04/11 15:54	1
Dibromofluoromethane	103		70 - 130		05/04/11 15:54	1
Toluene-d8 (Surr)	102		70 - 130		05/04/11 15:54	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/07/11 01:09	1
Ethanol	1000	U	1000	330	ug/L			05/08/11 09:27	1
Isopropanol	1000	U	1000	300	ug/L			05/08/11 09:27	1
Methanol	1000	U	1000	830	ug/L			05/08/11 09:27	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2600		100	50	ug/L		05/03/11 17:39	05/05/11 23:16	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/05/11 23:16	1
Arsenic	1.3	J	2.5	1.3	ug/L		05/03/11 17:39	05/05/11 23:16	1
Barium	18		5.0	1.4	ug/L		05/03/11 17:39	05/05/11 23:16	1
Beryllium	0.19	J	0.50	0.15	ug/L		05/03/11 17:39	05/05/11 23:16	1
Cadmium	0.50		0.50	0.13	ug/L		05/03/11 17:39	05/05/11 23:16	1
Calcium	250000		500	170	ug/L		05/03/11 17:39	05/05/11 23:16	1
Chromium	8.3		5.0	2.5	ug/L		05/03/11 17:39	05/05/11 23:16	1
Cobalt	2.5		0.50	0.12	ug/L		05/03/11 17:39	05/05/11 23:16	1
Copper	4.9	J	5.0	1.1	ug/L		05/03/11 17:39	05/05/11 23:16	1
Iron	3000		100	44	ug/L		05/03/11 17:39	05/05/11 23:16	1
Lead	1.5		1.5	0.50	ug/L		05/03/11 17:39	05/05/11 23:16	1
Magnesium	220000		250	100	ug/L		05/03/11 17:39	05/05/11 23:16	1
Manganese	610		5.0	2.0	ug/L		05/03/11 17:39	05/05/11 23:16	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/05/11 23:16	1
Nickel	51		5.0	2.0	ug/L		05/03/11 17:39	05/05/11 23:16	1
Potassium	5100		1000	330	ug/L		05/03/11 17:39	05/05/11 23:16	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/05/11 23:16	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/05/11 23:16	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW4

Lab Sample ID: 680-67837-2

Matrix: Water

Date Collected: 04/28/11 11:00

Date Received: 04/29/11 09:28

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	360000		500	170	ug/L		05/03/11 17:39	05/05/11 23:16	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/05/11 23:16	1
Vanadium	7.4	J	10	3.2	ug/L		05/03/11 17:39	05/05/11 23:16	1
Zinc	22		20	8.4	ug/L		05/03/11 17:39	05/05/11 23:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	350000		5000	900	ug/L		05/17/11 11:24		5
Nitrogen, Kjeldahl	250		200	150	ug/L		05/17/11 10:30	05/18/11 15:45	1
Nitrate as N	50	U	50	10	ug/L			04/29/11 17:38	1
Nitrite as N	50	U	50	10	ug/L			04/29/11 17:38	1
Sulfate	1600000		500000	250000	ug/L		05/17/11 14:14		100
Total Organic Carbon	2600		1000	500	ug/L		05/17/11 13:12		1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Dup

Lab Sample ID: 680-67837-3

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	30		25	5.0	ug/L			05/05/11 16:56	1
Acetonitrile	40	U	40	10	ug/L			05/05/11 16:56	1
Acrolein	20	U	20	7.4	ug/L			05/05/11 16:56	1
Acrylonitrile	20	U	20	7.2	ug/L			05/05/11 16:56	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/05/11 16:56	1
Benzene	1.0	U	1.0	0.25	ug/L			05/05/11 16:56	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/05/11 16:56	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:56	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/05/11 16:56	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/05/11 16:56	1
2-Butanone	10	U	10	1.0	ug/L			05/05/11 16:56	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/05/11 16:56	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/05/11 16:56	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/05/11 16:56	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/05/11 16:56	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/05/11 16:56	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/05/11 16:56	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/05/11 16:56	1
cis-1,2-Dichloroethene	0.20	J	1.0	0.15	ug/L			05/05/11 16:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/05/11 16:56	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/05/11 16:56	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/05/11 16:56	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:56	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/05/11 16:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:56	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:56	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/05/11 16:56	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/05/11 16:56	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/05/11 16:56	1
Diethyl ether	10	U	10	1.0	ug/L			05/05/11 16:56	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/05/11 16:56	1
Ethylene oxide	200	U	200	200	ug/L			05/05/11 16:56	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/05/11 16:56	1
2-Hexanone	10	U	10	1.0	ug/L			05/05/11 16:56	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/05/11 16:56	1
Isobutyl alcohol	40	U	40	11	ug/L			05/05/11 16:56	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/05/11 16:56	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/05/11 16:56	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/05/11 16:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/05/11 16:56	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/05/11 16:56	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/05/11 16:56	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 16:56	1
Propionitrile	20	U	20	4.6	ug/L			05/05/11 16:56	1
Propylene oxide	200	U	200	200	ug/L			05/05/11 16:56	1
Styrene	1.0	U	1.0	0.11	ug/L			05/05/11 16:56	1
t-Butanol	100000	E	5.0	2.6	ug/L			05/05/11 16:56	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/05/11 16:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/05/11 16:56	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Dup

Lab Sample ID: 680-67837-3

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.3		1.0	0.15	ug/L			05/05/11 16:56	1
Toluene	1.0	U	1.0	0.33	ug/L			05/05/11 16:56	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/05/11 16:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/05/11 16:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/05/11 16:56	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/05/11 16:56	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/05/11 16:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/05/11 16:56	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/05/11 16:56	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 16:56	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/05/11 16:56	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/05/11 16:56	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/05/11 16:56	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/05/11 16:56	1

Tentatively Identified Compound

	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Carbon dioxide	2800	T J N	ug/L		1.03	124-38-9		05/05/11 16:56	1

Surrogate

	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		05/05/11 16:56	1
Dibromofluoromethane	99		70 - 130		05/05/11 16:56	1
Toluene-d8 (Surr)	98		70 - 130		05/05/11 16:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100000	U	100000	20000	ug/L			05/05/11 23:12	4000
Acetonitrile	160000	U	160000	40000	ug/L			05/05/11 23:12	4000
Acrolein	80000	U	80000	30000	ug/L			05/05/11 23:12	4000
Acrylonitrile	80000	U	80000	29000	ug/L			05/05/11 23:12	4000
Allyl chloride	4000	U	4000	800	ug/L			05/05/11 23:12	4000
Benzene	4000	U	4000	1000	ug/L			05/05/11 23:12	4000
Benzyl chloride	4000	U	4000	4000	ug/L			05/05/11 23:12	4000
Bromodichloromethane	4000	U	4000	1000	ug/L			05/05/11 23:12	4000
Bromoform	4000	U	4000	2000	ug/L			05/05/11 23:12	4000
Bromomethane	4000	U	4000	3200	ug/L			05/05/11 23:12	4000
2-Butanone	40000	U	40000	4000	ug/L			05/05/11 23:12	4000
Carbon disulfide	8000	U	8000	2400	ug/L			05/05/11 23:12	4000
Carbon tetrachloride	4000	U	4000	2000	ug/L			05/05/11 23:12	4000
Chlorobenzene	4000	U	4000	1000	ug/L			05/05/11 23:12	4000
Chloroethane	4000	U	4000	4000	ug/L			05/05/11 23:12	4000
Chloroform	4000	U	4000	560	ug/L			05/05/11 23:12	4000
Chloromethane	4000	U	4000	1300	ug/L			05/05/11 23:12	4000
Chloroprene	4000	U	4000	1200	ug/L			05/05/11 23:12	4000
cis-1,2-Dichloroethene	4000	U	4000	600	ug/L			05/05/11 23:12	4000
cis-1,3-Dichloropropene	4000	U	4000	440	ug/L			05/05/11 23:12	4000
Dibromochloromethane	4000	U	4000	400	ug/L			05/05/11 23:12	4000
1,2-Dibromo-3-Chloropropane	4000	U	4000	1800	ug/L			05/05/11 23:12	4000
1,2-Dibromoethane	4000	U	4000	1000	ug/L			05/05/11 23:12	4000
Dibromomethane	4000	U	4000	800	ug/L			05/05/11 23:12	4000
Dichlorodifluoromethane	4000	U	4000	1000	ug/L			05/05/11 23:12	4000
1,1-Dichloroethane	4000	U	4000	1000	ug/L			05/05/11 23:12	4000

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Dup

Lab Sample ID: 680-67837-3

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	4000	U	4000	400	ug/L			05/05/11 23:12	4000
1,1-Dichloroethene	4000	U	4000	440	ug/L			05/05/11 23:12	4000
1,2-Dichloropropane	4000	U	4000	520	ug/L			05/05/11 23:12	4000
Diethyl ether	40000	U	40000	4000	ug/L			05/05/11 23:12	4000
Ethylbenzene	4000	U	4000	440	ug/L			05/05/11 23:12	4000
Ethylene oxide	800000	U	800000	800000	ug/L			05/05/11 23:12	4000
Ethyl methacrylate	4000	U	4000	1000	ug/L			05/05/11 23:12	4000
2-Hexanone	40000	U	40000	4000	ug/L			05/05/11 23:12	4000
Iodomethane	20000	U	20000	4000	ug/L			05/05/11 23:12	4000
Isobutyl alcohol	160000	U	160000	44000	ug/L			05/05/11 23:12	4000
Methacrylonitrile	80000	U	80000	13000	ug/L			05/05/11 23:12	4000
Methylene Chloride	20000	U	20000	4000	ug/L			05/05/11 23:12	4000
Methyl methacrylate	4000	U	4000	1900	ug/L			05/05/11 23:12	4000
4-Methyl-2-pentanone (MIBK)	40000	U	40000	4000	ug/L			05/05/11 23:12	4000
Methyl tert-butyl ether	40000	U	40000	800	ug/L			05/05/11 23:12	4000
n-Heptane	4000	U	4000	1700	ug/L			05/05/11 23:12	4000
Pentachloroethane	20000	U	20000	4800	ug/L			05/05/11 23:12	4000
Propionitrile	80000	U	80000	18000	ug/L			05/05/11 23:12	4000
Propylene oxide	800000	U	800000	800000	ug/L			05/05/11 23:12	4000
Styrene	4000	U	4000	440	ug/L			05/05/11 23:12	4000
t-Butanol	94000	D	20000	10000	ug/L			05/05/11 23:12	4000
1,1,1,2-Tetrachloroethane	4000	U	4000	1300	ug/L			05/05/11 23:12	4000
1,1,2,2-Tetrachloroethane	4000	U	4000	720	ug/L			05/05/11 23:12	4000
Tetrachloroethene	4000	U	4000	600	ug/L			05/05/11 23:12	4000
Toluene	4000	U	4000	1300	ug/L			05/05/11 23:12	4000
trans-1,4-Dichloro-2-butene	8000	U	8000	2000	ug/L			05/05/11 23:12	4000
trans-1,2-Dichloroethene	4000	U	4000	800	ug/L			05/05/11 23:12	4000
trans-1,3-Dichloropropene	4000	U	4000	840	ug/L			05/05/11 23:12	4000
1,2,3-Trichlorobenzene	4000	U	4000	1400	ug/L			05/05/11 23:12	4000
1,1,1-Trichloroethane	4000	U	4000	2000	ug/L			05/05/11 23:12	4000
1,1,2-Trichloroethane	4000	U	4000	520	ug/L			05/05/11 23:12	4000
Trichloroethylene	4000	U	4000	520	ug/L			05/05/11 23:12	4000
Trichlorofluoromethane	4000	U	4000	1000	ug/L			05/05/11 23:12	4000
1,2,3-Trichloropropane	4000	U	4000	1600	ug/L			05/05/11 23:12	4000
Vinyl acetate	8000	U	8000	1100	ug/L			05/05/11 23:12	4000
Vinyl chloride	4000	U	4000	720	ug/L			05/05/11 23:12	4000
Xylenes, Total	8000	U	8000	800	ug/L			05/05/11 23:12	4000

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/05/11 23:12	4000

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130			4000
Dibromofluoromethane	98		70 - 130			4000
Toluene-d8 (Surr)	102		70 - 130			4000

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Acetophenone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Dup

Lab Sample ID: 680-67837-3

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
alpha,alpha-Dimethyl phenethylamine	9.5	U	9.5	3.2	ug/L		05/03/11 14:47	05/09/11 22:37	1
4-Aminobiphenyl	4.7	U	4.7	0.29	ug/L		05/03/11 14:47	05/09/11 22:37	1
Aniline	1.9	U	1.9	0.92	ug/L		05/03/11 14:47	05/09/11 22:37	1
Anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Aramite, Total	1.4	U	1.4	0.10	ug/L		05/03/11 14:47	05/09/11 22:37	1
Benz[a]anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Benz[a]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Benz[b]fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Benz[g,h,i]perylene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Benz[k]fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Benzyl alcohol	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,1'-Biphenyl	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L		05/03/11 14:47	05/09/11 22:37	1
4-Bromophenyl phenyl ether	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 22:37	1
Butyl benzyl phthalate	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 22:37	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L		05/03/11 14:47	05/09/11 22:37	1
4-Chloro-3-methylphenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-Chlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 22:37	1
4-Chlorophenyl phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/09/11 22:37	1
Diallate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,2-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,3-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,4-Dichlorobenzene	0.10	J B	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,4-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,6-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Diethyl phthalate	0.95	U	0.95	0.10	ug/L		05/03/11 14:47	05/09/11 22:37	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/03/11 14:47	05/09/11 22:37	1
7,12-Dimethylbenz(a)anthracene	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 22:37	1
3,3'-Dimethylbenzidine	19	U *	19	4.7	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,4-Dimethylphenol	1.9	U	1.9	0.65	ug/L		05/03/11 14:47	05/09/11 22:37	1
Dimethyl phthalate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Di-n-butyl phthalate	0.95	U	0.95	0.37	ug/L		05/03/11 14:47	05/09/11 22:37	1
4,6-Dinitro-2-methylphenol	4.7	U	4.7	0.12	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,4-Dinitrophenol	9.5	U	9.5	1.0	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,4-Dinitrotoluene	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,6-Dinitrotoluene	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 22:37	1
Di-n-octyl phthalate	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,4-Dioxane	7.6		1.9	0.29	ug/L		05/03/11 14:47	05/09/11 22:37	1
Disulfoton	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Ethyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Ethyl Parathion	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Dup

Lab Sample ID: 680-67837-3

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	0.95	U *	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 22:37	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Fluorene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Hexachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.47	ug/L		05/03/11 14:47	05/09/11 22:37	1
Hexachloroethane	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 22:37	1
Hexachlorophene	470	U *	470	24	ug/L		05/03/11 14:47	05/09/11 22:37	1
Hexachloropropene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Isophorone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Isosafrole	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
m-Dinitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/09/11 22:37	1
3-Methylcholanthrene	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 22:37	1
Methyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Methyl parathion	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-Methylphenol	1.9	U	1.9	0.70	ug/L		05/03/11 14:47	05/09/11 22:37	1
3 & 4 Methylphenol	1.9	U	1.9	0.62	ug/L		05/03/11 14:47	05/09/11 22:37	1
1-Naphthalenamine	4.7	U	4.7	1.2	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-Naphthalenamine	4.7	U	4.7	1.2	ug/L		05/03/11 14:47	05/09/11 22:37	1
Naphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,4-Naphthoquinone	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-Nitroaniline	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/09/11 22:37	1
3-Nitroaniline	4.7	U	4.7	0.15	ug/L		05/03/11 14:47	05/09/11 22:37	1
4-Nitroaniline	4.7	U	4.7	0.47	ug/L		05/03/11 14:47	05/09/11 22:37	1
Nitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
5-Nitro-o-toluidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-Nitrophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
4-Nitrophenol	4.7	U	4.7	0.47	ug/L		05/03/11 14:47	05/09/11 22:37	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.0	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosodiethylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosodimethylamine	0.95	U	0.95	0.24	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosodi-n-butylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.35	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosomorpholine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosopiperidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
N-Nitrosopyrrolidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
o,o',o"-Triethylphosphorothioate	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 22:37	1
o-Toluidine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,2'-oxybis[1-chloropropane]	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
p-Dimethylamino azobenzene	4.7	U	4.7	0.14	ug/L		05/03/11 14:47	05/09/11 22:37	1
Pentachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Pentachloronitrobenzene	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 22:37	1
Pentachlorophenol	4.7	U	4.7	0.38	ug/L		05/03/11 14:47	05/09/11 22:37	1
Phenacetin	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Dup

Lab Sample ID: 680-67837-3

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Phenol	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/09/11 22:37	1
Phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Phorate	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 22:37	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/09/11 22:37	1
Pronamide	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 22:37	1
Pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Pyridine	4.7	U	4.7	0.69	ug/L		05/03/11 14:47	05/09/11 22:37	1
Safrole, Total	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 22:37	1
Sulfotep	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,2,4,5-Tetrachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,3,4,6-Tetrachlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
Thionazin	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,2,4-Trichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,4,5-Trichlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/09/11 22:37	1
2,4,6-Trichlorophenol	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/09/11 22:37	1
1,3,5-Trinitrobenzene	0.95	U	0.95	0.47	ug/L		05/03/11 14:47	05/09/11 22:37	1

Tentatively Identified Compound

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	20	T J	ug/L		6.33		05/03/11 14:47	05/09/11 22:37	1
Unknown	26	T J	ug/L		6.43		05/03/11 14:47	05/09/11 22:37	1
Unknown	84	T J	ug/L		7.51		05/03/11 14:47	05/09/11 22:37	1
Unknown	28	T J	ug/L		7.56		05/03/11 14:47	05/09/11 22:37	1
Unknown	34	T J	ug/L		7.59		05/03/11 14:47	05/09/11 22:37	1
Unknown	25	T J	ug/L		7.81		05/03/11 14:47	05/09/11 22:37	1
Unknown	28	T J	ug/L		7.93		05/03/11 14:47	05/09/11 22:37	1
Unknown	31	T J	ug/L		9.55		05/03/11 14:47	05/09/11 22:37	1
Unknown	36	T J	ug/L		9.58		05/03/11 14:47	05/09/11 22:37	1
Unknown	110	T J	ug/L		9.70		05/03/11 14:47	05/09/11 22:37	1

Surrogate

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
2-Fluorobiphenyl	62		34 - 130		05/03/11 14:47	05/09/11 22:37	1
2-Fluorophenol	56		25 - 130		05/03/11 14:47	05/09/11 22:37	1
Nitrobenzene-d5	68		32 - 130		05/03/11 14:47	05/09/11 22:37	1
Phenol-d5	62		27 - 130		05/03/11 14:47	05/09/11 22:37	1
Terphenyl-d14	55		36 - 130		05/03/11 14:47	05/09/11 22:37	1
2,4,6-Tribromophenol	71		30 - 130		05/03/11 14:47	05/09/11 22:37	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L		05/11/11 21:54		1
Ethanol	1000	U	1000	330	ug/L		05/12/11 20:24		1
Isopropanol	1000	U	1000	300	ug/L		05/12/11 20:24		1
Methanol	1000	U	1000	830	ug/L		05/12/11 20:24		1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	100		100	50	ug/L		05/03/11 17:39	05/06/11 01:29	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:29	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Dup

Lab Sample ID: 680-67837-3

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		2.5	1.3	ug/L		05/03/11 17:39	05/06/11 01:29	1
Barium	81		5.0	1.4	ug/L		05/03/11 17:39	05/06/11 01:29	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:39	05/06/11 01:29	1
Cadmium	0.50	U	0.50	0.13	ug/L		05/03/11 17:39	05/06/11 01:29	1
Calcium	38000		500	170	ug/L		05/03/11 17:39	05/06/11 01:29	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:39	05/06/11 01:29	1
Cobalt	14		0.50	0.12	ug/L		05/03/11 17:39	05/06/11 01:29	1
Copper	5.0	U	5.0	1.1	ug/L		05/03/11 17:39	05/06/11 01:29	1
Iron	2800		100	44	ug/L		05/03/11 17:39	05/06/11 01:29	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:39	05/06/11 01:29	1
Magnesium	17000		250	100	ug/L		05/03/11 17:39	05/06/11 01:29	1
Manganese	1700		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:29	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/06/11 01:29	1
Nickel	19		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:29	1
Potassium	1100		1000	330	ug/L		05/03/11 17:39	05/06/11 01:29	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/06/11 01:29	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/06/11 01:29	1
Sodium	1100000		5000	1700	ug/L		05/03/11 17:39	05/06/11 09:54	10
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 01:29	1
Vanadium	4.0	J	10	3.2	ug/L		05/03/11 17:39	05/06/11 01:29	1
Zinc	20	U	20	8.4	ug/L		05/03/11 17:39	05/06/11 01:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250000		5000	900	ug/L		05/17/11 11:24		5
Nitrogen, Kjeldahl	2400		200	150	ug/L		05/17/11 10:30	05/18/11 15:45	1
Nitrate as N	4300		250	50	ug/L			04/29/11 18:17	5
Nitrite as N	250	U	250	50	ug/L			04/29/11 18:17	5
Sulfate	5000	U	5000	2500	ug/L			05/17/11 13:23	1
Total Organic Carbon	73000		1000	500	ug/L			05/17/11 13:31	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-3

Lab Sample ID: 680-67837-4

Date Collected: 04/28/11 10:45

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	34		25	5.0	ug/L			05/05/11 17:25	1
Acetonitrile	40	U	40	10	ug/L			05/05/11 17:25	1
Acrolein	20	U	20	7.4	ug/L			05/05/11 17:25	1
Acrylonitrile	20	U	20	7.2	ug/L			05/05/11 17:25	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/05/11 17:25	1
Benzene	1.0	U	1.0	0.25	ug/L			05/05/11 17:25	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/05/11 17:25	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/05/11 17:25	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/05/11 17:25	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/05/11 17:25	1
2-Butanone	10	U	10	1.0	ug/L			05/05/11 17:25	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/05/11 17:25	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/05/11 17:25	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/05/11 17:25	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/05/11 17:25	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/05/11 17:25	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/05/11 17:25	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/05/11 17:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/05/11 17:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/05/11 17:25	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/05/11 17:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/05/11 17:25	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/05/11 17:25	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/05/11 17:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 17:25	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/05/11 17:25	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/05/11 17:25	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/05/11 17:25	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/05/11 17:25	1
Diethyl ether	10	U	10	1.0	ug/L			05/05/11 17:25	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/05/11 17:25	1
Ethylene oxide	200	U	200	200	ug/L			05/05/11 17:25	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/05/11 17:25	1
2-Hexanone	10	U	10	1.0	ug/L			05/05/11 17:25	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/05/11 17:25	1
Isobutyl alcohol	40	U	40	11	ug/L			05/05/11 17:25	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/05/11 17:25	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/05/11 17:25	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/05/11 17:25	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/05/11 17:25	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/05/11 17:25	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/05/11 17:25	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 17:25	1
Propionitrile	20	U	20	4.6	ug/L			05/05/11 17:25	1
Propylene oxide	200	U	200	200	ug/L			05/05/11 17:25	1
Styrene	1.0	U	1.0	0.11	ug/L			05/05/11 17:25	1
t-Butanol	100000	E		5.0	2.6	ug/L		05/05/11 17:25	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/05/11 17:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/05/11 17:25	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-3

Lab Sample ID: 680-67837-4

Date Collected: 04/28/11 10:45

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.30	J	1.0	0.15	ug/L			05/05/11 17:25	1
Toluene	1.0	U	1.0	0.33	ug/L			05/05/11 17:25	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/05/11 17:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/05/11 17:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/05/11 17:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/05/11 17:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/05/11 17:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/05/11 17:25	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/05/11 17:25	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 17:25	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/05/11 17:25	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/05/11 17:25	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/05/11 17:25	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/05/11 17:25	1
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Unknown	5.6	T J N	ug/L		1.24			05/05/11 17:25	1
<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene	97		70 - 130					05/05/11 17:25	1
Dibromofluoromethane	100		70 - 130					05/05/11 17:25	1
Toluene-d8 (Surr)	101		70 - 130					05/05/11 17:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100000	U	100000	20000	ug/L			05/05/11 23:35	4000
Acetonitrile	160000	U	160000	40000	ug/L			05/05/11 23:35	4000
Acrolein	80000	U	80000	30000	ug/L			05/05/11 23:35	4000
Acrylonitrile	80000	U	80000	29000	ug/L			05/05/11 23:35	4000
Allyl chloride	4000	U	4000	800	ug/L			05/05/11 23:35	4000
Benzene	4000	U	4000	1000	ug/L			05/05/11 23:35	4000
Benzyl chloride	4000	U	4000	4000	ug/L			05/05/11 23:35	4000
Bromodichloromethane	4000	U	4000	1000	ug/L			05/05/11 23:35	4000
Bromoform	4000	U	4000	2000	ug/L			05/05/11 23:35	4000
Bromomethane	4000	U	4000	3200	ug/L			05/05/11 23:35	4000
2-Butanone	40000	U	40000	4000	ug/L			05/05/11 23:35	4000
Carbon disulfide	8000	U	8000	2400	ug/L			05/05/11 23:35	4000
Carbon tetrachloride	4000	U	4000	2000	ug/L			05/05/11 23:35	4000
Chlorobenzene	4000	U	4000	1000	ug/L			05/05/11 23:35	4000
Chloroethane	4000	U	4000	4000	ug/L			05/05/11 23:35	4000
Chloroform	4000	U	4000	560	ug/L			05/05/11 23:35	4000
Chloromethane	4000	U	4000	1300	ug/L			05/05/11 23:35	4000
Chloroprene	4000	U	4000	1200	ug/L			05/05/11 23:35	4000
cis-1,2-Dichloroethene	4000	U	4000	600	ug/L			05/05/11 23:35	4000
cis-1,3-Dichloropropene	4000	U	4000	440	ug/L			05/05/11 23:35	4000
Dibromochloromethane	4000	U	4000	400	ug/L			05/05/11 23:35	4000
1,2-Dibromo-3-Chloropropane	4000	U	4000	1800	ug/L			05/05/11 23:35	4000
1,2-Dibromoethane	4000	U	4000	1000	ug/L			05/05/11 23:35	4000
Dibromomethane	4000	U	4000	800	ug/L			05/05/11 23:35	4000
Dichlorodifluoromethane	4000	U	4000	1000	ug/L			05/05/11 23:35	4000
1,1-Dichloroethane	4000	U	4000	1000	ug/L			05/05/11 23:35	4000

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-3**Lab Sample ID: 680-67837-4**

Date Collected: 04/28/11 10:45

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	4000	U	4000	400	ug/L			05/05/11 23:35	4000
1,1-Dichloroethene	4000	U	4000	440	ug/L			05/05/11 23:35	4000
1,2-Dichloropropane	4000	U	4000	520	ug/L			05/05/11 23:35	4000
Diethyl ether	40000	U	40000	4000	ug/L			05/05/11 23:35	4000
Ethylbenzene	4000	U	4000	440	ug/L			05/05/11 23:35	4000
Ethylene oxide	800000	U	800000	800000	ug/L			05/05/11 23:35	4000
Ethyl methacrylate	4000	U	4000	1000	ug/L			05/05/11 23:35	4000
2-Hexanone	40000	U	40000	4000	ug/L			05/05/11 23:35	4000
Iodomethane	20000	U	20000	4000	ug/L			05/05/11 23:35	4000
Isobutyl alcohol	160000	U	160000	44000	ug/L			05/05/11 23:35	4000
Methacrylonitrile	80000	U	80000	13000	ug/L			05/05/11 23:35	4000
Methylene Chloride	20000	U	20000	4000	ug/L			05/05/11 23:35	4000
Methyl methacrylate	4000	U	4000	1900	ug/L			05/05/11 23:35	4000
4-Methyl-2-pentanone (MIBK)	40000	U	40000	4000	ug/L			05/05/11 23:35	4000
Methyl tert-butyl ether	40000	U	40000	800	ug/L			05/05/11 23:35	4000
n-Heptane	4000	U	4000	1700	ug/L			05/05/11 23:35	4000
Pentachloroethane	20000	U	20000	4800	ug/L			05/05/11 23:35	4000
Propionitrile	80000	U	80000	18000	ug/L			05/05/11 23:35	4000
Propylene oxide	800000	U	800000	800000	ug/L			05/05/11 23:35	4000
Styrene	4000	U	4000	440	ug/L			05/05/11 23:35	4000
t-Butanol	83000	D	20000	10000	ug/L			05/05/11 23:35	4000
1,1,1,2-Tetrachloroethane	4000	U	4000	1300	ug/L			05/05/11 23:35	4000
1,1,2,2-Tetrachloroethane	4000	U	4000	720	ug/L			05/05/11 23:35	4000
Tetrachloroethene	4000	U	4000	600	ug/L			05/05/11 23:35	4000
Toluene	4000	U	4000	1300	ug/L			05/05/11 23:35	4000
trans-1,4-Dichloro-2-butene	8000	U	8000	2000	ug/L			05/05/11 23:35	4000
trans-1,2-Dichloroethene	4000	U	4000	800	ug/L			05/05/11 23:35	4000
trans-1,3-Dichloropropene	4000	U	4000	840	ug/L			05/05/11 23:35	4000
1,2,3-Trichlorobenzene	4000	U	4000	1400	ug/L			05/05/11 23:35	4000
1,1,1-Trichloroethane	4000	U	4000	2000	ug/L			05/05/11 23:35	4000
1,1,2-Trichloroethane	4000	U	4000	520	ug/L			05/05/11 23:35	4000
Trichloroethylene	4000	U	4000	520	ug/L			05/05/11 23:35	4000
Trichlorofluoromethane	4000	U	4000	1000	ug/L			05/05/11 23:35	4000
1,2,3-Trichloropropane	4000	U	4000	1600	ug/L			05/05/11 23:35	4000
Vinyl acetate	8000	U	8000	1100	ug/L			05/05/11 23:35	4000
Vinyl chloride	4000	U	4000	720	ug/L			05/05/11 23:35	4000
Xylenes, Total	8000	U	8000	800	ug/L			05/05/11 23:35	4000

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/05/11 23:35	4000

Surrogate	% Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130				05/05/11 23:35	4000
Dibromofluoromethane	101		70 - 130				05/05/11 23:35	4000
Toluene-d8 (Surr)	103		70 - 130				05/05/11 23:35	4000

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Acenaphthylene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Acetophenone	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-3

Lab Sample ID: 680-67837-4

Date Collected: 04/28/11 10:45

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
alpha,alpha-Dimethyl phenethylamine	9.6	U	9.6	3.3	ug/L		05/03/11 14:47	05/09/11 23:04	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L		05/03/11 14:47	05/09/11 23:04	1
Aniline	1.9	U	1.9	0.93	ug/L		05/03/11 14:47	05/09/11 23:04	1
Anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Aramite, Total	1.4	U	1.4	0.11	ug/L		05/03/11 14:47	05/09/11 23:04	1
Benz[a]anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Benz[a]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Benz[b]fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Benz[g,h,i]perylene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Benz[k]fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Benzyl alcohol	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,1'-Biphenyl	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L		05/03/11 14:47	05/09/11 23:04	1
4-Bromophenyl phenyl ether	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
Butyl benzyl phthalate	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
4-Chloroaniline	1.9	U	1.9	0.35	ug/L		05/03/11 14:47	05/09/11 23:04	1
4-Chloro-3-methylphenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-Chlorophenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
4-Chlorophenyl phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/09/11 23:04	1
Diallate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Dibenzofuran	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,2-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,3-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,4-Dichlorobenzene	0.15	J B	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,4-Dichlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,6-Dichlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Diethyl phthalate	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/09/11 23:04	1
Dimethoate	1.9	U	1.9	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
7,12-Dimethylbenz(a)anthracene	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 23:04	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,4-Dimethylphenol	1.9	U	1.9	0.66	ug/L		05/03/11 14:47	05/09/11 23:04	1
Dimethyl phthalate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Di-n-butyl phthalate	0.96	U	0.96	0.37	ug/L		05/03/11 14:47	05/09/11 23:04	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,4-Dinitrophenol	9.6	U	9.6	1.1	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,4-Dinitrotoluene	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,6-Dinitrotoluene	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
Di-n-octyl phthalate	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,4-Dioxane	6.8		1.9	0.30	ug/L		05/03/11 14:47	05/09/11 23:04	1
Disulfoton	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Ethyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Ethyl Parathion	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-3

Lab Sample ID: 680-67837-4

Date Collected: 04/28/11 10:45

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	0.96	U *	0.96	0.15	ug/L		05/03/11 14:47	05/09/11 23:04	1
Fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Fluorene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Hexachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Hexachlorobutadiene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/09/11 23:04	1
Hexachloroethane	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 23:04	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/09/11 23:04	1
Hexachloropropene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Isophorone	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Isosafrole	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
m-Dinitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/09/11 23:04	1
3-Methylcholanthrene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 23:04	1
Methyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-Methylnaphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Methyl parathion	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-Methylphenol	1.9	U	1.9	0.71	ug/L		05/03/11 14:47	05/09/11 23:04	1
3 & 4 Methylphenol	1.9	U	1.9	0.63	ug/L		05/03/11 14:47	05/09/11 23:04	1
1-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/09/11 23:04	1
Naphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,4-Naphthoquinone	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-Nitroaniline	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/09/11 23:04	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/09/11 23:04	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 23:04	1
Nitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
5-Nitro-o-toluidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-Nitrophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/09/11 23:04	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.1	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosodiethylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosodimethylamine	0.96	U	0.96	0.24	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosodi-n-butylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.36	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosomorpholine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosopiperidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
N-Nitrosopyrrolidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
o,o",o"-Triethylphosphorothioate	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
o-Toluidine	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,2'-oxybis[1-chloropropane]	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/09/11 23:04	1
Pentachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Pentachloronitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 23:04	1
Pentachlorophenol	4.8	U	4.8	0.38	ug/L		05/03/11 14:47	05/09/11 23:04	1
Phenacetin	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-3

Lab Sample ID: 680-67837-4

Date Collected: 04/28/11 10:45

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Phenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
Phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Phorate	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 23:04	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/09/11 23:04	1
Pronamide	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
Pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/03/11 14:47	05/09/11 23:04	1
Safrole, Total	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/09/11 23:04	1
Sulfotep	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,2,4,5-Tetrachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,3,4,6-Tetrachlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
Thionazin	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,2,4-Trichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,4,5-Trichlorophenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/09/11 23:04	1
2,4,6-Trichlorophenol	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/09/11 23:04	1
1,3,5-Trinitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/09/11 23:04	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	21	T J	ug/L		6.43		05/03/11 14:47	05/09/11 23:04	1
Unknown	70	T J	ug/L		7.51		05/03/11 14:47	05/09/11 23:04	1
Unknown	24	T J	ug/L		7.56		05/03/11 14:47	05/09/11 23:04	1
Unknown	28	T J	ug/L		7.59		05/03/11 14:47	05/09/11 23:04	1
Unknown	22	T J	ug/L		7.81		05/03/11 14:47	05/09/11 23:04	1
Unknown	26	T J	ug/L		7.92		05/03/11 14:47	05/09/11 23:04	1
Unknown	45	T J	ug/L		9.55		05/03/11 14:47	05/09/11 23:04	1
Unknown	43	T J	ug/L		9.58		05/03/11 14:47	05/09/11 23:04	1
Unknown	160	T J	ug/L		9.69		05/03/11 14:47	05/09/11 23:04	1
Unknown Organic Acid	20	T J	ug/L		11.12		05/03/11 14:47	05/09/11 23:04	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	51		34 - 130		05/03/11 14:47	05/09/11 23:04
2-Fluorophenol	48		25 - 130		05/03/11 14:47	05/09/11 23:04
Nitrobenzene-d5	54		32 - 130		05/03/11 14:47	05/09/11 23:04
Phenol-d5	53		27 - 130		05/03/11 14:47	05/09/11 23:04
Terphenyl-d14	54		36 - 130		05/03/11 14:47	05/09/11 23:04
2,4,6-Tribromophenol	74		30 - 130		05/03/11 14:47	05/09/11 23:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L		05/11/11 22:18		1
Ethanol	1000	U	1000	330	ug/L		05/12/11 20:48		1
Isopropanol	1000	U	1000	300	ug/L		05/12/11 20:48		1
Methanol	1000	U	1000	830	ug/L		05/12/11 20:48		1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	340		100	50	ug/L		05/03/11 17:39	05/06/11 01:36	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:36	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-3

Lab Sample ID: 680-67837-4

Date Collected: 04/28/11 10:45

Matrix: Water

Date Received: 04/29/11 09:28

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		2.5	1.3	ug/L		05/03/11 17:39	05/06/11 01:36	1
Barium	94		5.0	1.4	ug/L		05/03/11 17:39	05/06/11 01:36	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:39	05/06/11 01:36	1
Cadmium	0.36	J	0.50	0.13	ug/L		05/03/11 17:39	05/06/11 01:36	1
Calcium	40000		500	170	ug/L		05/03/11 17:39	05/06/11 01:36	1
Chromium	2.5	J	5.0	2.5	ug/L		05/03/11 17:39	05/06/11 01:36	1
Cobalt	16		0.50	0.12	ug/L		05/03/11 17:39	05/06/11 01:36	1
Copper	1.2	J	5.0	1.1	ug/L		05/03/11 17:39	05/06/11 01:36	1
Iron	3200		100	44	ug/L		05/03/11 17:39	05/06/11 01:36	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:39	05/06/11 01:36	1
Magnesium	18000		250	100	ug/L		05/03/11 17:39	05/06/11 01:36	1
Manganese	1800		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:36	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/06/11 01:36	1
Nickel	22		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:36	1
Potassium	1300		1000	330	ug/L		05/03/11 17:39	05/06/11 01:36	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/06/11 01:36	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/06/11 01:36	1
Sodium	1200000		5000	1700	ug/L		05/03/11 17:39	05/06/11 10:01	10
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 01:36	1
Vanadium	5.0	J	10	3.2	ug/L		05/03/11 17:39	05/06/11 01:36	1
Zinc	20		20	8.4	ug/L		05/03/11 17:39	05/06/11 01:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250000		5000	900	ug/L		05/17/11 11:20		5
Nitrogen, Kjeldahl	2900		200	150	ug/L		05/17/11 10:30	05/18/11 15:45	1
Nitrate as N	400		50	10	ug/L			04/29/11 17:41	1
Nitrite as N	50	U	50	10	ug/L			04/29/11 17:41	1
Sulfate	5000	U	5000	2500	ug/L			05/17/11 13:23	1
Total Organic Carbon	73000		1000	500	ug/L			05/17/11 13:50	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-2

Lab Sample ID: 680-67837-5

Date Collected: 04/28/11 12:20

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	35		25	5.0	ug/L			05/04/11 16:23	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 16:23	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 16:23	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 16:23	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 16:23	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 16:23	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 16:23	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 16:23	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 16:23	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 16:23	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 16:23	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 16:23	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 16:23	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 16:23	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 16:23	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 16:23	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 16:23	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 16:23	1
cis-1,2-Dichloroethene	1.1		1.0	0.15	ug/L			05/04/11 16:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 16:23	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 16:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 16:23	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 16:23	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 16:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 16:23	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 16:23	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 16:23	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 16:23	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 16:23	1
Diethyl ether	10	U	10	1.0	ug/L			05/04/11 16:23	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 16:23	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 16:23	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 16:23	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 16:23	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 16:23	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 16:23	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 16:23	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 16:23	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 16:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 16:23	1
Methyl tert-butyl ether	2.6 J		10	0.20	ug/L			05/04/11 16:23	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 16:23	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 16:23	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 16:23	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 16:23	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 16:23	1
t-Butanol	24000 E		5.0	2.6	ug/L			05/04/11 16:23	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 16:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 16:23	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-2

Lab Sample ID: 680-67837-5

Date Collected: 04/28/11 12:20

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 16:23	1
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 16:23	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 16:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 16:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 16:23	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 16:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 16:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 16:23	1
Trichloroethylene	3.2		1.0	0.13	ug/L			05/04/11 16:23	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 16:23	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 16:23	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 16:23	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 16:23	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 16:23	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	14	T J N	ug/L		2.39			05/04/11 16:23	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130					05/04/11 16:23	1
Dibromofluoromethane	104		70 - 130					05/04/11 16:23	1
Toluene-d8 (Surr)	101		70 - 130					05/04/11 16:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12000	U	12000	2500	ug/L			05/05/11 22:49	500
Acetonitrile	20000	U	20000	5000	ug/L			05/05/11 22:49	500
Acrolein	10000	U	10000	3700	ug/L			05/05/11 22:49	500
Acrylonitrile	10000	U	10000	3600	ug/L			05/05/11 22:49	500
Allyl chloride	500	U	500	100	ug/L			05/05/11 22:49	500
Benzene	500	U	500	120	ug/L			05/05/11 22:49	500
Benzyl chloride	500	U	500	500	ug/L			05/05/11 22:49	500
Bromodichloromethane	500	U	500	120	ug/L			05/05/11 22:49	500
Bromoform	500	U	500	250	ug/L			05/05/11 22:49	500
Bromomethane	500	U	500	400	ug/L			05/05/11 22:49	500
2-Butanone	5000	U	5000	500	ug/L			05/05/11 22:49	500
Carbon disulfide	1000	U	1000	300	ug/L			05/05/11 22:49	500
Carbon tetrachloride	500	U	500	250	ug/L			05/05/11 22:49	500
Chlorobenzene	500	U	500	120	ug/L			05/05/11 22:49	500
Chloroethane	500	U	500	500	ug/L			05/05/11 22:49	500
Chloroform	500	U	500	70	ug/L			05/05/11 22:49	500
Chloromethane	500	U	500	160	ug/L			05/05/11 22:49	500
Chloroprene	500	U	500	150	ug/L			05/05/11 22:49	500
cis-1,2-Dichloroethene	500	U	500	75	ug/L			05/05/11 22:49	500
cis-1,3-Dichloropropene	500	U	500	55	ug/L			05/05/11 22:49	500
Dibromochloromethane	500	U	500	50	ug/L			05/05/11 22:49	500
1,2-Dibromo-3-Chloropropane	500	U	500	220	ug/L			05/05/11 22:49	500
1,2-Dibromoethane	500	U	500	120	ug/L			05/05/11 22:49	500
Dibromomethane	500	U	500	100	ug/L			05/05/11 22:49	500
Dichlorodifluoromethane	500	U	500	120	ug/L			05/05/11 22:49	500
1,1-Dichloroethane	500	U	500	120	ug/L			05/05/11 22:49	500

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-2

Lab Sample ID: 680-67837-5

Date Collected: 04/28/11 12:20

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	500	U	500	50	ug/L			05/05/11 22:49	500
1,1-Dichloroethene	500	U	500	55	ug/L			05/05/11 22:49	500
1,2-Dichloropropane	500	U	500	65	ug/L			05/05/11 22:49	500
Diethyl ether	5000	U	5000	500	ug/L			05/05/11 22:49	500
Ethylbenzene	500	U	500	55	ug/L			05/05/11 22:49	500
Ethylene oxide	100000	U	100000	100000	ug/L			05/05/11 22:49	500
Ethyl methacrylate	500	U	500	120	ug/L			05/05/11 22:49	500
2-Hexanone	5000	U	5000	500	ug/L			05/05/11 22:49	500
Iodomethane	2500	U	2500	500	ug/L			05/05/11 22:49	500
Isobutyl alcohol	20000	U	20000	5500	ug/L			05/05/11 22:49	500
Methacrylonitrile	10000	U	10000	1600	ug/L			05/05/11 22:49	500
Methylene Chloride	2500	U	2500	500	ug/L			05/05/11 22:49	500
Methyl methacrylate	500	U	500	240	ug/L			05/05/11 22:49	500
4-Methyl-2-pentanone (MIBK)	5000	U	5000	500	ug/L			05/05/11 22:49	500
Methyl tert-butyl ether	5000	U	5000	100	ug/L			05/05/11 22:49	500
n-Heptane	500	U	500	210	ug/L			05/05/11 22:49	500
Pentachloroethane	2500	U	2500	600	ug/L			05/05/11 22:49	500
Propionitrile	10000	U	10000	2300	ug/L			05/05/11 22:49	500
Propylene oxide	100000	U	100000	100000	ug/L			05/05/11 22:49	500
Styrene	500	U	500	55	ug/L			05/05/11 22:49	500
t-Butanol	18000	D	2500	1300	ug/L			05/05/11 22:49	500
1,1,1,2-Tetrachloroethane	500	U	500	160	ug/L			05/05/11 22:49	500
1,1,2,2-Tetrachloroethane	500	U	500	90	ug/L			05/05/11 22:49	500
Tetrachloroethene	500	U	500	75	ug/L			05/05/11 22:49	500
Toluene	500	U	500	160	ug/L			05/05/11 22:49	500
trans-1,4-Dichloro-2-butene	1000	U	1000	250	ug/L			05/05/11 22:49	500
trans-1,2-Dichloroethene	500	U	500	100	ug/L			05/05/11 22:49	500
trans-1,3-Dichloropropene	500	U	500	100	ug/L			05/05/11 22:49	500
1,2,3-Trichlorobenzene	500	U	500	180	ug/L			05/05/11 22:49	500
1,1,1-Trichloroethane	500	U	500	250	ug/L			05/05/11 22:49	500
1,1,2-Trichloroethane	500	U	500	65	ug/L			05/05/11 22:49	500
Trichloroethylene	500	U	500	65	ug/L			05/05/11 22:49	500
Trichlorofluoromethane	500	U	500	120	ug/L			05/05/11 22:49	500
1,2,3-Trichloropropane	500	U	500	200	ug/L			05/05/11 22:49	500
Vinyl acetate	1000	U	1000	140	ug/L			05/05/11 22:49	500
Vinyl chloride	500	U	500	90	ug/L			05/05/11 22:49	500
Xylenes, Total	1000	U	1000	100	ug/L			05/05/11 22:49	500

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/05/11 22:49	500
Surrogate									

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-2

Lab Sample ID: 680-67837-5

Matrix: Water

Date Collected: 04/28/11 12:20

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
alpha,alpha-Dimethyl phenethylamine	9.6	U	9.6	3.3	ug/L		05/03/11 14:47	05/18/11 16:52	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L		05/03/11 14:47	05/18/11 16:52	1
Aniline	1.9	U	1.9	0.94	ug/L		05/03/11 14:47	05/18/11 16:52	1
Anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Aramite, Total	1.4	U	1.4	0.11	ug/L		05/03/11 14:47	05/18/11 16:52	1
Benz[a]anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Benz[a]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Benz[b]fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Benz[g,h,i]perylene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Benz[k]fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Benzyl alcohol	0.96	U	0.96	0.14	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,1'-Biphenyl	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.62	ug/L		05/03/11 14:47	05/18/11 16:52	1
4-Bromophenyl phenyl ether	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 16:52	1
Butyl benzyl phthalate	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 16:52	1
4-Chloroaniline	1.9	U	1.9	0.35	ug/L		05/03/11 14:47	05/18/11 16:52	1
4-Chloro-3-methylphenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-Chlorophenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 16:52	1
4-Chlorophenyl phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/18/11 16:52	1
Diallate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Dibenzofuran	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,2-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,3-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,4-Dichlorobenzene	0.13	J B	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,4-Dichlorophenol	0.96	U *	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,6-Dichlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Diethyl phthalate	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/18/11 16:52	1
Dimethoate	1.9	U	1.9	0.12	ug/L		05/03/11 14:47	05/18/11 16:52	1
7,12-Dimethylbenz(a)anthracene	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/18/11 16:52	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,4-Dimethylphenol	1.9	U *	1.9	0.67	ug/L		05/03/11 14:47	05/18/11 16:52	1
Dimethyl phthalate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Di-n-butyl phthalate	0.96	U	0.96	0.38	ug/L		05/03/11 14:47	05/18/11 16:52	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.13	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,4-Dinitrophenol	9.6	U	9.6	1.1	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,4-Dinitrotoluene	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,6-Dinitrotoluene	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 16:52	1
Di-n-octyl phthalate	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,4-Dioxane	1.5	J	1.9	0.30	ug/L		05/03/11 14:47	05/18/11 16:52	1
Disulfoton	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Ethyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Ethyl Parathion	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-2

Lab Sample ID: 680-67837-5

Date Collected: 04/28/11 12:20

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/18/11 16:52	1
Fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Fluorene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Hexachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Hexachlorobutadiene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/18/11 16:52	1
Hexachloroethane	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 16:52	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/18/11 16:52	1
Hexachloropropene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Isophorone	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Isosafrole	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
m-Dinitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Methapyrilene	190	U	190	1.3	ug/L		05/03/11 14:47	05/18/11 16:52	1
3-Methylcholanthrene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 16:52	1
Methyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-Methylnaphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Methyl parathion	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-Methylphenol	1.9	U	1.9	0.71	ug/L		05/03/11 14:47	05/18/11 16:52	1
3 & 4 Methylphenol	1.9	U *	1.9	0.64	ug/L		05/03/11 14:47	05/18/11 16:52	1
1-Naphthalenamine	4.8	U	4.8	1.3	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-Naphthalenamine	4.8	U	4.8	1.3	ug/L		05/03/11 14:47	05/18/11 16:52	1
Naphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,4-Naphthoquinone	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-Nitroaniline	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/18/11 16:52	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/18/11 16:52	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/18/11 16:52	1
Nitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
5-Nitro-o-toluidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-Nitrophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/18/11 16:52	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.1	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosodiethylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosodimethylamine	0.96	U	0.96	0.24	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosodi-n-butylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.36	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosomorpholine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosopiperidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
N-Nitrosopyrrolidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
o,o",o"-Triethylphosphorothioate	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 16:52	1
o-Toluidine	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,2'-oxybis[1-chloropropane]	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/18/11 16:52	1
Pentachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Pentachloronitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 16:52	1
Pentachlorophenol	4.8	U	4.8	0.39	ug/L		05/03/11 14:47	05/18/11 16:52	1
Phenacetin	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-2

Lab Sample ID: 680-67837-5

Date Collected: 04/28/11 12:20

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Phenol	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 16:52	1
Phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Phorate	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/18/11 16:52	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/18/11 16:52	1
Pronamide	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 16:52	1
Pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/03/11 14:47	05/18/11 16:52	1
Safrole, Total	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/18/11 16:52	1
Sulfotep	0.96	U	0.96	0.14	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,2,4,5-Tetrachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,3,4,6-Tetrachlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
Thionazin	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,2,4-Trichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,4,5-Trichlorophenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 16:52	1
2,4,6-Trichlorophenol	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/18/11 16:52	1
1,3,5-Trinitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 16:52	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	39	T J	ug/L		5.52		05/03/11 14:47	05/18/11 16:52	1
Unknown Organic Acid	190	T J	ug/L		6.09		05/03/11 14:47	05/18/11 16:52	1
Unknown	24	T J	ug/L		7.80		05/03/11 14:47	05/18/11 16:52	1
Unknown	6.7	T J	ug/L		7.85		05/03/11 14:47	05/18/11 16:52	1
Unknown	9.3	T J	ug/L		7.88		05/03/11 14:47	05/18/11 16:52	1
Unknown Organic Acid	19	T J	ug/L		7.93		05/03/11 14:47	05/18/11 16:52	1
Unknown	14	T J	ug/L		8.11		05/03/11 14:47	05/18/11 16:52	1
Unknown	7.9	T J	ug/L		8.22		05/03/11 14:47	05/18/11 16:52	1
Unknown	25	T J	ug/L		9.85		05/03/11 14:47	05/18/11 16:52	1
Unknown	18	T J	ug/L		9.97		05/03/11 14:47	05/18/11 16:52	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	51		34 - 130		05/18/11 16:52	1
2-Fluorophenol	53		25 - 130		05/18/11 16:52	1
Nitrobenzene-d5	56		32 - 130		05/18/11 16:52	1
Phenol-d5	54		27 - 130		05/18/11 16:52	1
Terphenyl-d14	60		36 - 130		05/18/11 16:52	1
2,4,6-Tribromophenol	77		30 - 130		05/18/11 16:52	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L		05/11/11 22:42		1
Ethanol	1000	U	1000	330	ug/L		05/12/11 21:12		1
Isopropanol	1000	U	1000	300	ug/L		05/12/11 21:12		1
Methanol	1000000	E	1000	830	ug/L		05/12/11 21:12		1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	4400000	H D	50000	42000	ug/L		05/13/11 12:47		50

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-2

Date Collected: 04/28/11 12:20

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-5

Matrix: Water

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1200		100	50	ug/L		05/03/11 17:39	05/06/11 01:43	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:43	1
Arsenic	3.9		2.5	1.3	ug/L		05/03/11 17:39	05/06/11 01:43	1
Barium	53		5.0	1.4	ug/L		05/03/11 17:39	05/06/11 01:43	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:39	05/06/11 01:43	1
Cadmium	0.27	J	0.50	0.13	ug/L		05/03/11 17:39	05/06/11 01:43	1
Calcium	20000		500	170	ug/L		05/03/11 17:39	05/06/11 01:43	1
Chromium	3.5	J	5.0	2.5	ug/L		05/03/11 17:39	05/06/11 01:43	1
Cobalt	3.8		0.50	0.12	ug/L		05/03/11 17:39	05/06/11 01:43	1
Copper	1.6	J	5.0	1.1	ug/L		05/03/11 17:39	05/06/11 01:43	1
Iron	6800		100	44	ug/L		05/03/11 17:39	05/06/11 01:43	1
Lead	0.74	J	1.5	0.50	ug/L		05/03/11 17:39	05/06/11 01:43	1
Magnesium	11000		250	100	ug/L		05/03/11 17:39	05/06/11 01:43	1
Manganese	160		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:43	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/06/11 01:43	1
Nickel	4.4	J	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:43	1
Potassium	1700		1000	330	ug/L		05/03/11 17:39	05/06/11 01:43	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/06/11 01:43	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/06/11 01:43	1
Sodium	440000		500	170	ug/L		05/03/11 17:39	05/06/11 01:43	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 01:43	1
Vanadium	4.6	J	10	3.2	ug/L		05/03/11 17:39	05/06/11 01:43	1
Zinc	17	J	20	8.4	ug/L		05/03/11 17:39	05/06/11 01:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110000		2000	360	ug/L			05/17/11 11:24	2
Nitrogen, Kjeldahl	1900		200	150	ug/L		05/17/11 10:30	05/18/11 15:45	1
Nitrate as N	530		50	10	ug/L			04/29/11 17:42	1
Nitrite as N	50	U	50	10	ug/L			04/29/11 17:42	1
Sulfate	150000		25000	12000	ug/L			05/17/11 13:59	5
Total Organic Carbon	16000		1000	500	ug/L			05/17/11 14:09	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-1

Lab Sample ID: 680-67837-6

Date Collected: 04/28/11 14:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/05/11 13:28	1
Acetonitrile	40	U	40	10	ug/L			05/05/11 13:28	1
Acrolein	20	U	20	7.4	ug/L			05/05/11 13:28	1
Acrylonitrile	20	U	20	7.2	ug/L			05/05/11 13:28	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/05/11 13:28	1
Benzene	1.0	U	1.0	0.25	ug/L			05/05/11 13:28	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/05/11 13:28	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:28	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/05/11 13:28	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/05/11 13:28	1
2-Butanone	10	U	10	1.0	ug/L			05/05/11 13:28	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/05/11 13:28	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/05/11 13:28	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/05/11 13:28	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/05/11 13:28	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/05/11 13:28	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/05/11 13:28	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/05/11 13:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/05/11 13:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/05/11 13:28	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/05/11 13:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/05/11 13:28	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:28	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/05/11 13:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:28	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:28	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/05/11 13:28	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/05/11 13:28	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/05/11 13:28	1
Diethyl ether	10	U	10	1.0	ug/L			05/05/11 13:28	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/05/11 13:28	1
Ethylene oxide	200	U	200	200	ug/L			05/05/11 13:28	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/05/11 13:28	1
2-Hexanone	10	U	10	1.0	ug/L			05/05/11 13:28	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/05/11 13:28	1
Isobutyl alcohol	40	U	40	11	ug/L			05/05/11 13:28	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/05/11 13:28	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/05/11 13:28	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/05/11 13:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/05/11 13:28	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/05/11 13:28	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/05/11 13:28	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 13:28	1
Propionitrile	20	U	20	4.6	ug/L			05/05/11 13:28	1
Propylene oxide	200	U	200	200	ug/L			05/05/11 13:28	1
Styrene	1.0	U	1.0	0.11	ug/L			05/05/11 13:28	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/05/11 13:28	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/05/11 13:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/05/11 13:28	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: NAT-1

Lab Sample ID: 680-67837-6

Matrix: Water

Date Collected: 04/28/11 14:40

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/05/11 13:28	1
Toluene	1.0	U	1.0	0.33	ug/L			05/05/11 13:28	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/05/11 13:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/05/11 13:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/05/11 13:28	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/05/11 13:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/05/11 13:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/05/11 13:28	1
Trichloroethylene	28		1.0	0.13	ug/L			05/05/11 13:28	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:28	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/05/11 13:28	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/05/11 13:28	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/05/11 13:28	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/05/11 13:28	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5.0	T J N	ug/L		1.58			05/05/11 13:28	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					05/05/11 13:28	1
Dibromofluoromethane	106		70 - 130					05/05/11 13:28	1
Toluene-d8 (Surr)	103		70 - 130					05/05/11 13:28	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/11/11 23:06	1
Ethanol	1000	U	1000	330	ug/L			05/12/11 21:35	1
Isopropanol	1000	U	1000	300	ug/L			05/12/11 21:35	1
Methanol	1000	U	1000	830	ug/L			05/12/11 21:35	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	680		100	50	ug/L		05/03/11 17:39	05/05/11 23:44	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/05/11 23:44	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:39	05/05/11 23:44	1
Barium	55		5.0	1.4	ug/L		05/03/11 17:39	05/05/11 23:44	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:39	05/05/11 23:44	1
Cadmium	0.63		0.50	0.13	ug/L		05/03/11 17:39	05/05/11 23:44	1
Calcium	91000		500	170	ug/L		05/03/11 17:39	05/05/11 23:44	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:39	05/05/11 23:44	1
Cobalt	41		0.50	0.12	ug/L		05/03/11 17:39	05/05/11 23:44	1
Copper	3.8 J		5.0	1.1	ug/L		05/03/11 17:39	05/05/11 23:44	1
Iron	680		100	44	ug/L		05/03/11 17:39	05/05/11 23:44	1
Lead	1.3 J		1.5	0.50	ug/L		05/03/11 17:39	05/05/11 23:44	1
Magnesium	31000		250	100	ug/L		05/03/11 17:39	05/05/11 23:44	1
Manganese	2300		5.0	2.0	ug/L		05/03/11 17:39	05/05/11 23:44	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/05/11 23:44	1
Nickel	14		5.0	2.0	ug/L		05/03/11 17:39	05/05/11 23:44	1
Potassium	3900		1000	330	ug/L		05/03/11 17:39	05/05/11 23:44	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/05/11 23:44	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/05/11 23:44	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: NAT-1

Lab Sample ID: 680-67837-6

Date Collected: 04/28/11 14:40
Date Received: 04/29/11 09:28

Matrix: Water

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	120000		500	170	ug/L		05/03/11 17:39	05/05/11 23:44	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/05/11 23:44	1
Vanadium	3.7	J	10	3.2	ug/L		05/03/11 17:39	05/05/11 23:44	1
Zinc	18	J	20	8.4	ug/L		05/03/11 17:39	05/05/11 23:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78000		1000	180	ug/L		05/17/11 10:45		1
Nitrogen, Kjeldahl	350		200	150	ug/L		05/17/11 10:30	05/18/11 15:45	1
Nitrate as N	13000		1000	200	ug/L			04/29/11 18:20	20
Nitrite as N	1000	U	1000	200	ug/L			04/29/11 18:20	20
Sulfate	340000		50000	25000	ug/L			05/17/11 13:57	10
Total Organic Carbon	1500		1000	500	ug/L			05/17/11 14:29	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW3

Lab Sample ID: 680-67837-7

Matrix: Water

Date Collected: 04/28/11 12:15

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/04/11 17:20	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 17:20	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 17:20	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 17:20	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 17:20	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 17:20	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 17:20	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 17:20	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 17:20	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 17:20	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 17:20	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 17:20	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 17:20	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 17:20	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 17:20	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 17:20	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 17:20	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 17:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 17:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 17:20	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 17:20	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 17:20	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 17:20	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 17:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 17:20	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 17:20	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 17:20	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 17:20	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 17:20	1
Diethyl ether	1.8	J	10	1.0	ug/L			05/04/11 17:20	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 17:20	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 17:20	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 17:20	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 17:20	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 17:20	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 17:20	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 17:20	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 17:20	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 17:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 17:20	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/04/11 17:20	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 17:20	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 17:20	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 17:20	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 17:20	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 17:20	1
t-Butanol	240	E	5.0	2.6	ug/L			05/04/11 17:20	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 17:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 17:20	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW3

Lab Sample ID: 680-67837-7

Matrix: Water

Date Collected: 04/28/11 12:15

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 17:20	1
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 17:20	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 17:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 17:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 17:20	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 17:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 17:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 17:20	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/04/11 17:20	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 17:20	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 17:20	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 17:20	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 17:20	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 17:20	1

Tentatively Identified Compound

	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	6.1	T J N	ug/L		1.44			05/04/11 17:20	1

Surrogate

	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		05/04/11 17:20	1
Dibromofluoromethane	103		70 - 130		05/04/11 17:20	1
Toluene-d8 (Surr)	102		70 - 130		05/04/11 17:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	120	U	120	25	ug/L			05/05/11 15:59	5
Acetonitrile	200	U	200	50	ug/L			05/05/11 15:59	5
Acrolein	100	U	100	37	ug/L			05/05/11 15:59	5
Acrylonitrile	100	U	100	36	ug/L			05/05/11 15:59	5
Allyl chloride	5.0	U	5.0	1.0	ug/L			05/05/11 15:59	5
Benzene	5.0	U	5.0	1.2	ug/L			05/05/11 15:59	5
Benzyl chloride	5.0	U	5.0	5.0	ug/L			05/05/11 15:59	5
Bromodichloromethane	5.0	U	5.0	1.2	ug/L			05/05/11 15:59	5
Bromoform	5.0	U	5.0	2.5	ug/L			05/05/11 15:59	5
Bromomethane	5.0	U	5.0	4.0	ug/L			05/05/11 15:59	5
2-Butanone	50	U	50	5.0	ug/L			05/05/11 15:59	5
Carbon disulfide	10	U	10	3.0	ug/L			05/05/11 15:59	5
Carbon tetrachloride	5.0	U	5.0	2.5	ug/L			05/05/11 15:59	5
Chlorobenzene	5.0	U	5.0	1.2	ug/L			05/05/11 15:59	5
Chloroethane	5.0	U	5.0	5.0	ug/L			05/05/11 15:59	5
Chloroform	5.0	U	5.0	0.70	ug/L			05/05/11 15:59	5
Chloromethane	5.0	U	5.0	1.6	ug/L			05/05/11 15:59	5
Chloroprene	5.0	U	5.0	1.5	ug/L			05/05/11 15:59	5
cis-1,2-Dichloroethene	5.0	U	5.0	0.75	ug/L			05/05/11 15:59	5
cis-1,3-Dichloropropene	5.0	U	5.0	0.55	ug/L			05/05/11 15:59	5
Dibromochloromethane	5.0	U	5.0	0.50	ug/L			05/05/11 15:59	5
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.2	ug/L			05/05/11 15:59	5
1,2-Dibromoethane	5.0	U	5.0	1.2	ug/L			05/05/11 15:59	5
Dibromomethane	5.0	U	5.0	1.0	ug/L			05/05/11 15:59	5
Dichlorodifluoromethane	5.0	U	5.0	1.2	ug/L			05/05/11 15:59	5
1,1-Dichloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 15:59	5

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW3

Lab Sample ID: 680-67837-7

Matrix: Water

Date Collected: 04/28/11 12:15

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	5.0	U	5.0	0.50	ug/L			05/05/11 15:59	5
1,1-Dichloroethene	5.0	U	5.0	0.55	ug/L			05/05/11 15:59	5
1,2-Dichloropropane	5.0	U	5.0	0.65	ug/L			05/05/11 15:59	5
Diethyl ether	50	U	50	5.0	ug/L			05/05/11 15:59	5
Ethylbenzene	5.0	U	5.0	0.55	ug/L			05/05/11 15:59	5
Ethylene oxide	1000	U	1000	1000	ug/L			05/05/11 15:59	5
Ethyl methacrylate	5.0	U	5.0	1.2	ug/L			05/05/11 15:59	5
2-Hexanone	50	U	50	5.0	ug/L			05/05/11 15:59	5
Iodomethane	25	U	25	5.0	ug/L			05/05/11 15:59	5
Isobutyl alcohol	200	U	200	55	ug/L			05/05/11 15:59	5
Methacrylonitrile	100	U	100	16	ug/L			05/05/11 15:59	5
Methylene Chloride	25	U	25	5.0	ug/L			05/05/11 15:59	5
Methyl methacrylate	5.0	U	5.0	2.4	ug/L			05/05/11 15:59	5
4-Methyl-2-pentanone (MIBK)	50	U	50	5.0	ug/L			05/05/11 15:59	5
Methyl tert-butyl ether	50	U	50	1.0	ug/L			05/05/11 15:59	5
n-Heptane	5.0	U	5.0	2.1	ug/L			05/05/11 15:59	5
Pentachloroethane	25	U	25	6.0	ug/L			05/05/11 15:59	5
Propionitrile	100	U	100	23	ug/L			05/05/11 15:59	5
Propylene oxide	1000	U	1000	1000	ug/L			05/05/11 15:59	5
Styrene	5.0	U	5.0	0.55	ug/L			05/05/11 15:59	5
t-Butanol	270	D	25	13	ug/L			05/05/11 15:59	5
1,1,1,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/L			05/05/11 15:59	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.90	ug/L			05/05/11 15:59	5
Tetrachloroethene	5.0	U	5.0	0.75	ug/L			05/05/11 15:59	5
Toluene	5.0	U	5.0	1.6	ug/L			05/05/11 15:59	5
trans-1,4-Dichloro-2-butene	10	U	10	2.5	ug/L			05/05/11 15:59	5
trans-1,2-Dichloroethene	5.0	U	5.0	1.0	ug/L			05/05/11 15:59	5
trans-1,3-Dichloropropene	5.0	U	5.0	1.0	ug/L			05/05/11 15:59	5
1,2,3-Trichlorobenzene	5.0	U	5.0	1.8	ug/L			05/05/11 15:59	5
1,1,1-Trichloroethane	5.0	U	5.0	2.5	ug/L			05/05/11 15:59	5
1,1,2-Trichloroethane	5.0	U	5.0	0.65	ug/L			05/05/11 15:59	5
Trichloroethylene	5.0	U	5.0	0.65	ug/L			05/05/11 15:59	5
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/L			05/05/11 15:59	5
1,2,3-Trichloropropane	5.0	U	5.0	2.0	ug/L			05/05/11 15:59	5
Vinyl acetate	10	U	10	1.4	ug/L			05/05/11 15:59	5
Vinyl chloride	5.0	U	5.0	0.90	ug/L			05/05/11 15:59	5
Xylenes, Total	10	U	10	1.0	ug/L			05/05/11 15:59	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/05/11 15:59	5
Surrogate									
4-Bromofluorobenzene	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130					05/05/11 15:59	5
Dibromofluoromethane	104		70 - 130					05/05/11 15:59	5
Toluene-d8 (Surr)	105		70 - 130					05/05/11 15:59	5

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/11/11 23:30	1
Ethanol	1000	U	1000	330	ug/L			05/12/11 21:59	1
Isopropanol	1000	U	1000	300	ug/L			05/12/11 21:59	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: RAB-MW3

Lab Sample ID: 680-67837-7

Matrix: Water

Date Collected: 04/28/11 12:15

Date Received: 04/29/11 09:28

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	1000	U	1000	830	ug/L			05/12/11 21:59	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8000		100	50	ug/L		05/03/11 17:39	05/06/11 00:19	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:19	1
Arsenic	6.6		2.5	1.3	ug/L		05/03/11 17:39	05/06/11 00:19	1
Barium	210		5.0	1.4	ug/L		05/03/11 17:39	05/06/11 00:19	1
Beryllium	0.54		0.50	0.15	ug/L		05/03/11 17:39	05/06/11 00:19	1
Cadmium	0.50	U	0.50	0.13	ug/L		05/03/11 17:39	05/06/11 00:19	1
Calcium	12000		500	170	ug/L		05/03/11 17:39	05/06/11 00:19	1
Chromium	16		5.0	2.5	ug/L		05/03/11 17:39	05/06/11 00:19	1
Cobalt	9.5		0.50	0.12	ug/L		05/03/11 17:39	05/06/11 00:19	1
Copper	7.0		5.0	1.1	ug/L		05/03/11 17:39	05/06/11 00:19	1
Iron	130000		100	44	ug/L		05/03/11 17:39	05/06/11 00:19	1
Lead	10		1.5	0.50	ug/L		05/03/11 17:39	05/06/11 00:19	1
Magnesium	25000		250	100	ug/L		05/03/11 17:39	05/06/11 00:19	1
Manganese	420		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:19	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/06/11 00:19	1
Nickel	13		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:19	1
Potassium	1100		1000	330	ug/L		05/03/11 17:39	05/06/11 00:19	1
Selenium	1.2 J		2.5	1.1	ug/L		05/03/11 17:39	05/06/11 00:19	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/06/11 00:19	1
Sodium	58000		500	170	ug/L		05/03/11 17:39	05/06/11 00:19	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 00:19	1
Vanadium	26		10	3.2	ug/L		05/03/11 17:39	05/06/11 00:19	1
Zinc	22		20	8.4	ug/L		05/03/11 17:39	05/06/11 00:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59000		1000	180	ug/L			05/17/11 10:45	1
Nitrogen, Kjeldahl	3900		200	150	ug/L		05/17/11 10:30	05/18/11 15:54	1
Nitrate as N	50	U	50	10	ug/L			04/29/11 17:46	1
Nitrite as N	11 J		50	10	ug/L			04/29/11 17:46	1
Sulfate	21000		5000	2500	ug/L			05/17/11 13:25	1
Total Organic Carbon	28000		1000	500	ug/L			05/17/11 14:45	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-10

Lab Sample ID: 680-67837-8

Date Collected: 04/28/11 14:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/05/11 13:56	1
Acetonitrile	40	U	40	10	ug/L			05/05/11 13:56	1
Acrolein	20	U	20	7.4	ug/L			05/05/11 13:56	1
Acrylonitrile	20	U	20	7.2	ug/L			05/05/11 13:56	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/05/11 13:56	1
Benzene	1.0	U	1.0	0.25	ug/L			05/05/11 13:56	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/05/11 13:56	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:56	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/05/11 13:56	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/05/11 13:56	1
2-Butanone	10	U	10	1.0	ug/L			05/05/11 13:56	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/05/11 13:56	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/05/11 13:56	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/05/11 13:56	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/05/11 13:56	1
Chloroform	0.94	J	1.0	0.14	ug/L			05/05/11 13:56	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/05/11 13:56	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/05/11 13:56	1
cis-1,2-Dichloroethene	0.36	J	1.0	0.15	ug/L			05/05/11 13:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/05/11 13:56	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/05/11 13:56	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/05/11 13:56	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:56	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/05/11 13:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:56	1
1,1-Dichloroethane	1.4		1.0	0.25	ug/L			05/05/11 13:56	1
1,2-Dichloroethane	0.21	J	1.0	0.10	ug/L			05/05/11 13:56	1
1,1-Dichloroethene	1.8		1.0	0.11	ug/L			05/05/11 13:56	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/05/11 13:56	1
Diethyl ether	20		10	1.0	ug/L			05/05/11 13:56	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/05/11 13:56	1
Ethylene oxide	200	U	200	200	ug/L			05/05/11 13:56	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/05/11 13:56	1
2-Hexanone	10	U	10	1.0	ug/L			05/05/11 13:56	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/05/11 13:56	1
Isobutyl alcohol	40	U	40	11	ug/L			05/05/11 13:56	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/05/11 13:56	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/05/11 13:56	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/05/11 13:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/05/11 13:56	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/05/11 13:56	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/05/11 13:56	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 13:56	1
Propionitrile	20	U	20	4.6	ug/L			05/05/11 13:56	1
Propylene oxide	200	U	200	200	ug/L			05/05/11 13:56	1
Styrene	1.0	U	1.0	0.11	ug/L			05/05/11 13:56	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/05/11 13:56	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/05/11 13:56	1
1,1,2,2-Tetrachloroethane	0.50	J	1.0	0.18	ug/L			05/05/11 13:56	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-10

Lab Sample ID: 680-67837-8

Matrix: Water

Date Collected: 04/28/11 14:40

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	13		1.0	0.15	ug/L			05/05/11 13:56	1
Toluene	1.0	U	1.0	0.33	ug/L			05/05/11 13:56	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/05/11 13:56	1
trans-1,2-Dichloroethene	1.1		1.0	0.20	ug/L			05/05/11 13:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/05/11 13:56	1
1,2,2-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/05/11 13:56	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/05/11 13:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/05/11 13:56	1
Trichloroethylene	2.1		1.0	0.13	ug/L			05/05/11 13:56	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 13:56	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/05/11 13:56	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/05/11 13:56	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/05/11 13:56	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/05/11 13:56	1
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	None		ug/L					05/05/11 13:56	1
<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene	96		70 - 130					05/05/11 13:56	1
Dibromofluoromethane	101		70 - 130					05/05/11 13:56	1
Toluene-d8 (Surr)	102		70 - 130					05/05/11 13:56	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.096	ug/L			05/03/11 14:47	1
Acenaphthylene	0.19	U	0.19	0.096	ug/L			05/03/11 14:47	1
Acetophenone	0.96	U	0.96	0.096	ug/L			05/03/11 14:47	1
2-Acetylaminofluorene	0.96	U	0.96	0.096	ug/L			05/03/11 14:47	1
alpha,alpha-Dimethyl phenethylamine	9.6	U	9.6	3.3	ug/L			05/03/11 14:47	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L			05/03/11 14:47	1
Aniline	1.9	U	1.9	0.93	ug/L			05/03/11 14:47	1
Anthracene	0.19	U	0.19	0.096	ug/L			05/03/11 14:47	1
Aramite, Total	1.4	U	1.4	0.11	ug/L			05/03/11 14:47	1
Benzo[a]anthracene	0.19	U	0.19	0.096	ug/L			05/03/11 14:47	1
Benzo[a]pyrene	0.19	U	0.19	0.096	ug/L			05/03/11 14:47	1
Benzo[b]fluoranthene	0.19	U	0.19	0.096	ug/L			05/03/11 14:47	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.096	ug/L			05/03/11 14:47	1
Benzo[k]fluoranthene	0.19	U	0.19	0.096	ug/L			05/03/11 14:47	1
Benzyl alcohol	0.96	U	0.96	0.13	ug/L			05/03/11 14:47	1
1,1'-Biphenyl	0.96	U	0.96	0.096	ug/L			05/03/11 14:47	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.096	ug/L			05/03/11 14:47	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L			05/03/11 14:47	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.62	ug/L			05/03/11 14:47	1
4-Bromophenyl phenyl ether	0.96	U	0.96	0.12	ug/L			05/03/11 14:47	1
Butyl benzyl phthalate	0.96	U	0.96	0.12	ug/L			05/03/11 14:47	1
4-Chloroaniline	1.9	U	1.9	0.35	ug/L			05/03/11 14:47	1
4-Chloro-3-methylphenol	0.96	U	0.96	0.12	ug/L			05/03/11 14:47	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L			05/03/11 14:47	1
2-Chlorophenol	0.96	U	0.96	0.12	ug/L			05/03/11 14:47	1
4-Chlorophenyl phenyl ether	0.96	U	0.96	0.096	ug/L			05/03/11 14:47	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-10

Lab Sample ID: 680-67837-8

Date Collected: 04/28/11 14:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/18/11 17:19	1
Diallate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Dibenzofuran	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
1,2-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
1,3-Dichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
1,4-Dichlorobenzene	0.14	J B	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,4-Dichlorophenol	0.96	U *	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,6-Dichlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Diethyl phthalate	0.96	U	0.96	0.11	ug/L		05/03/11 14:47	05/18/11 17:19	1
Dimethoate	1.9	U	1.9	0.12	ug/L		05/03/11 14:47	05/18/11 17:19	1
7,12-Dimethylbenz(a)anthracene	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/18/11 17:19	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,4-Dimethylphenol	1.9	U *	1.9	0.66	ug/L		05/03/11 14:47	05/18/11 17:19	1
Dimethyl phthalate	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Di-n-butyl phthalate	0.96	U	0.96	0.38	ug/L		05/03/11 14:47	05/18/11 17:19	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.13	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,4-Dinitrophenol	9.6	U	9.6	1.1	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,4-Dinitrotoluene	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,6-Dinitrotoluene	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 17:19	1
Di-n-octyl phthalate	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/18/11 17:19	1
1,4-Dioxane	24		1.9	0.30	ug/L		05/03/11 14:47	05/18/11 17:19	1
Disulfoton	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Ethyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Ethyl Parathion	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Famphur	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/18/11 17:19	1
Fluoranthene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Fluorene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Hexachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Hexachlorobutadiene	0.12	J	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/18/11 17:19	1
Hexachloroethane	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 17:19	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/18/11 17:19	1
Hexachloropropene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Isophorone	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Isosafrole	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
m-Dinitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Methapyrilene	190	U	190	1.3	ug/L		05/03/11 14:47	05/18/11 17:19	1
3-Methylcholanthrene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 17:19	1
Methyl methanesulfonate	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
2-Methylnaphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Methyl parathion	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 17:19	1
2-Methylphenol	1.9	U	1.9	0.71	ug/L		05/03/11 14:47	05/18/11 17:19	1
3 & 4 Methylphenol	1.9	U *	1.9	0.64	ug/L		05/03/11 14:47	05/18/11 17:19	1
1-Naphthalenamine	4.8	U	4.8	1.3	ug/L		05/03/11 14:47	05/18/11 17:19	1
2-Naphthalenamine	4.8	U	4.8	1.3	ug/L		05/03/11 14:47	05/18/11 17:19	1
Naphthalene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-10

Lab Sample ID: 680-67837-8

Date Collected: 04/28/11 14:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 17:19	1
2-Nitroaniline	0.96	U	0.96	0.15	ug/L		05/03/11 14:47	05/18/11 17:19	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/18/11 17:19	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/18/11 17:19	1
Nitrobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
5-Nitro-o-toluidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
2-Nitrophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/18/11 17:19	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.1	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosodiethylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosodimethylamine	0.96	U	0.96	0.24	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosodi-n-butylamine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.36	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosomorpholine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosopiperidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
N-Nitrosopyrrolidine	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
o,o",o"-Triethylphosphorothioate	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 17:19	1
o-Toluidine	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,2'-oxybis[1-chloropropane]	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/18/11 17:19	1
Pentachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Pentachloronitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 17:19	1
Pentachlorophenol	4.8	U	4.8	0.39	ug/L		05/03/11 14:47	05/18/11 17:19	1
Phenacetin	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Phenanthrone	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Phenol	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 17:19	1
Phenyl ether	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Phorate	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/18/11 17:19	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/18/11 17:19	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/18/11 17:19	1
Pronamide	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 17:19	1
Pyrene	0.19	U	0.19	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/03/11 14:47	05/18/11 17:19	1
Safrole, Total	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/18/11 17:19	1
Sulfotep	0.96	U	0.96	0.13	ug/L		05/03/11 14:47	05/18/11 17:19	1
1,2,4,5-Tetrachlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,3,4,6-Tetrachlorophenol	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
Thionazin	0.96	U	0.96	0.19	ug/L		05/03/11 14:47	05/18/11 17:19	1
1,2,4-Trichlorobenzene	0.96	U	0.96	0.096	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,4,5-Trichlorophenol	0.96	U	0.96	0.12	ug/L		05/03/11 14:47	05/18/11 17:19	1
2,4,6-Trichlorophenol	0.96	U	0.96	0.16	ug/L		05/03/11 14:47	05/18/11 17:19	1
1,3,5-Trinitrobenzene	0.96	U	0.96	0.48	ug/L		05/03/11 14:47	05/18/11 17:19	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	24	T A J	ug/L		4.30		05/03/11 14:47	05/18/11 17:19	1
Unknown	1.6	T J	ug/L		5.33		05/03/11 14:47	05/18/11 17:19	1
Unknown	1.1	T J	ug/L		5.64		05/03/11 14:47	05/18/11 17:19	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-10

Lab Sample ID: 680-67837-8

Date Collected: 04/28/11 14:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.76	T J	ug/L		6.38		05/03/11 14:47	05/18/11 17:19	1
Unknown	1.0	T J	ug/L		8.96		05/03/11 14:47	05/18/11 17:19	1
Diethyltoluamide	7.7	T J N	ug/L		9.69	134-62-3	05/03/11 14:47	05/18/11 17:19	1
Unknown Organic Acid	1.8	T J	ug/L		12.46		05/03/11 14:47	05/18/11 17:19	1
Unknown	1.6	T J	ug/L		12.67		05/03/11 14:47	05/18/11 17:19	1
Octadecanoic acid, butyl ester	1.2	T J N	ug/L		13.53	123-95-5	05/03/11 14:47	05/18/11 17:19	1
Acetic acid, (triphenylphosphoranylidene)	2.6	T J N	ug/L		14.33	2605-67-6	05/03/11 14:47	05/18/11 17:19	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		34 - 130				05/03/11 14:47	05/18/11 17:19	1
2-Fluorophenol	55		25 - 130				05/03/11 14:47	05/18/11 17:19	1
Nitrobenzene-d5	65		32 - 130				05/03/11 14:47	05/18/11 17:19	1
Phenol-d5	54		27 - 130				05/03/11 14:47	05/18/11 17:19	1
Terphenyl-d14	70		36 - 130				05/03/11 14:47	05/18/11 17:19	1
2,4,6-Tribromophenol	74		30 - 130				05/03/11 14:47	05/18/11 17:19	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L		05/11/11 23:54		1
Ethanol	1000	U	1000	330	ug/L		05/12/11 22:23		1
Isopropanol	1000	U	1000	300	ug/L		05/12/11 22:23		1
Methanol	1000	U	1000	830	ug/L		05/12/11 22:23		1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	680		100	50	ug/L		05/03/11 17:39	05/06/11 00:26	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:26	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:39	05/06/11 00:26	1
Barium	15		5.0	1.4	ug/L		05/03/11 17:39	05/06/11 00:26	1
Beryllium	0.25	J	0.50	0.15	ug/L		05/03/11 17:39	05/06/11 00:26	1
Cadmium	4.5		0.50	0.13	ug/L		05/03/11 17:39	05/06/11 00:26	1
Calcium	130000		500	170	ug/L		05/03/11 17:39	05/06/11 00:26	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:39	05/06/11 00:26	1
Cobalt	91		0.50	0.12	ug/L		05/03/11 17:39	05/06/11 00:26	1
Copper	3.0	J	5.0	1.1	ug/L		05/03/11 17:39	05/06/11 00:26	1
Iron	550		100	44	ug/L		05/03/11 17:39	05/06/11 00:26	1
Lead	0.54	J	1.5	0.50	ug/L		05/03/11 17:39	05/06/11 00:26	1
Magnesium	38000		250	100	ug/L		05/03/11 17:39	05/06/11 00:26	1
Manganese	4700		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:26	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/06/11 00:26	1
Nickel	73		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:26	1
Potassium	4900		1000	330	ug/L		05/03/11 17:39	05/06/11 00:26	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/06/11 00:26	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/06/11 00:26	1
Sodium	210000		500	170	ug/L		05/03/11 17:39	05/06/11 00:26	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 00:26	1
Vanadium	3.3	J	10	3.2	ug/L		05/03/11 17:39	05/06/11 00:26	1
Zinc	37		20	8.4	ug/L		05/03/11 17:39	05/06/11 00:26	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-10

Lab Sample ID: 680-67837-8

Date Collected: 04/28/11 14:40

Matrix: Water

Date Received: 04/29/11 09:28

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250000		5000	900	ug/L			05/17/11 11:20	5
Nitrogen, Kjeldahl	280		200	150	ug/L		05/17/11 10:30	05/18/11 15:45	1
Nitrate as N	5700		250	50	ug/L			04/29/11 18:32	5
Nitrite as N	250	U	250	50	ug/L			04/29/11 18:32	5
Sulfate	530000		100000	50000	ug/L			05/17/11 14:12	20
Total Organic Carbon	1400		1000	500	ug/L			05/17/11 15:06	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Blank

Lab Sample ID: 680-67837-9

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/04/11 13:30	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 13:30	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 13:30	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 13:30	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 13:30	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 13:30	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 13:30	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:30	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 13:30	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 13:30	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 13:30	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 13:30	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 13:30	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 13:30	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 13:30	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 13:30	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 13:30	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 13:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 13:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 13:30	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 13:30	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 13:30	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:30	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 13:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:30	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:30	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 13:30	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 13:30	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 13:30	1
Diethyl ether	10	U	10	1.0	ug/L			05/04/11 13:30	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 13:30	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 13:30	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 13:30	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 13:30	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 13:30	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 13:30	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 13:30	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 13:30	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 13:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 13:30	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/04/11 13:30	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 13:30	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 13:30	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 13:30	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 13:30	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 13:30	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/04/11 13:30	1
1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 13:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 13:30	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Blank

Lab Sample ID: 680-67837-9

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 13:30	1
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 13:30	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 13:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 13:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 13:30	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 13:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 13:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 13:30	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/04/11 13:30	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:30	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 13:30	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 13:30	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 13:30	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 13:30	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/04/11 13:30	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					05/04/11 13:30	1
Dibromofluoromethane	103		70 - 130					05/04/11 13:30	1
Toluene-d8 (Surr)	100		70 - 130					05/04/11 13:30	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.095	ug/L			05/05/11 14:45	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L			05/05/11 14:45	1
Acetophenone	0.099	J B	0.95	0.095	ug/L			05/05/11 14:45	1
2-Acetylaminofluorene	0.95	U	0.95	0.095	ug/L			05/05/11 14:45	1
alpha,alpha-Dimethyl phenethylamine	9.5	U	9.5	3.2	ug/L			05/05/11 14:45	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L			05/05/11 14:45	1
Aniline	1.9	U	1.9	0.93	ug/L			05/05/11 14:45	1
Anthracene	0.19	U	0.19	0.095	ug/L			05/05/11 14:45	1
Aramite, Total	1.4	U	1.4	0.11	ug/L			05/05/11 14:45	1
Benzo[a]anthracene	0.19	U	0.19	0.095	ug/L			05/05/11 14:45	1
Benzo[a]pyrene	0.19	U	0.19	0.095	ug/L			05/05/11 14:45	1
Benzo[b]fluoranthene	0.19	U	0.19	0.095	ug/L			05/05/11 14:45	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.095	ug/L			05/05/11 14:45	1
Benzo[k]fluoranthene	0.19	U	0.19	0.095	ug/L			05/05/11 14:45	1
Benzyl alcohol	0.95	U	0.95	0.13	ug/L			05/05/11 14:45	1
1,1'-Biphenyl	0.95	U	0.95	0.095	ug/L			05/05/11 14:45	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.095	ug/L			05/05/11 14:45	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L			05/05/11 14:45	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L			05/05/11 14:45	1
4-Bromophenyl phenyl ether	0.95	U	0.95	0.11	ug/L			05/05/11 14:45	1
Butyl benzyl phthalate	0.95	U	0.95	0.11	ug/L			05/05/11 14:45	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L			05/05/11 14:45	1
4-Chloro-3-methylphenol	0.95	U	0.95	0.11	ug/L			05/05/11 14:45	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L			05/05/11 14:45	1
2-Chlorophenol	0.95	U	0.95	0.11	ug/L			05/05/11 14:45	1
4-Chlorophenyl phenyl ether	0.95	U	0.95	0.095	ug/L			05/05/11 14:45	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Blank

Lab Sample ID: 680-67837-9

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.19	U	0.19	0.043	ug/L		05/05/11 14:45	05/18/11 18:40	1
Diallate	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
1,2-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
1,3-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
1,4-Dichlorobenzene	0.14	J B	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,4-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,6-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Diethyl phthalate	0.95	U	0.95	0.11	ug/L		05/05/11 14:45	05/18/11 18:40	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/05/11 14:45	05/18/11 18:40	1
7,12-Dimethylbenz(a)anthracene	0.95	U	0.95	0.19	ug/L		05/05/11 14:45	05/18/11 18:40	1
3,3'-Dimethylbenzidine	19	U	19	4.8	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,4-Dimethylphenol	1.9	U	1.9	0.66	ug/L		05/05/11 14:45	05/18/11 18:40	1
Dimethyl phthalate	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Di-n-butyl phthalate	0.95	U	0.95	0.37	ug/L		05/05/11 14:45	05/18/11 18:40	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.12	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,4-Dinitrophenol	9.5	U	9.5	1.1	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,4-Dinitrotoluene	0.95	U	0.95	0.11	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,6-Dinitrotoluene	0.95	U	0.95	0.12	ug/L		05/05/11 14:45	05/18/11 18:40	1
Di-n-octyl phthalate	0.95	U	0.95	0.16	ug/L		05/05/11 14:45	05/18/11 18:40	1
1,4-Dioxane	1.9	U	1.9	0.30	ug/L		05/05/11 14:45	05/18/11 18:40	1
Disulfoton	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Ethyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Ethyl Parathion	1.9	U	1.9	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Famphur	0.95	U	0.95	0.15	ug/L		05/05/11 14:45	05/18/11 18:40	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Fluorene	0.19	U	0.19	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Hexachlorobenzene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/05/11 14:45	05/18/11 18:40	1
Hexachloroethane	0.95	U	0.95	0.48	ug/L		05/05/11 14:45	05/18/11 18:40	1
Hexachlorophene	480	U *	480	24	ug/L		05/05/11 14:45	05/18/11 18:40	1
Hexachloropropene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Isophorone	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Isosafrole	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
m-Dinitrobenzene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Methapyrilene	190	U *	190	1.2	ug/L		05/05/11 14:45	05/18/11 18:40	1
3-Methylcholanthrene	0.95	U	0.95	0.48	ug/L		05/05/11 14:45	05/18/11 18:40	1
Methyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Methyl parathion	0.95	U	0.95	0.12	ug/L		05/05/11 14:45	05/18/11 18:40	1
2-Methylphenol	1.9	U	1.9	0.71	ug/L		05/05/11 14:45	05/18/11 18:40	1
3 & 4 Methylphenol	1.9	U	1.9	0.63	ug/L		05/05/11 14:45	05/18/11 18:40	1
1-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/05/11 14:45	05/18/11 18:40	1
2-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/05/11 14:45	05/18/11 18:40	1
Naphthalene	0.19	U	0.19	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Blank

Lab Sample ID: 680-67837-9

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	0.95	U	0.95	0.48	ug/L		05/05/11 14:45	05/18/11 18:40	1
2-Nitroaniline	0.95	U	0.95	0.15	ug/L		05/05/11 14:45	05/18/11 18:40	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/05/11 14:45	05/18/11 18:40	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/05/11 14:45	05/18/11 18:40	1
Nitrobenzene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
5-Nitro-o-toluidine	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
2-Nitrophenol	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/05/11 14:45	05/18/11 18:40	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.1	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosodiethylamine	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosodimethylamine	0.95	U	0.95	0.24	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosodi-n-butylamine	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.12	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.35	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosomethylalkylamine	1.9	U	1.9	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosomorpholine	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosopiperidine	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
N-Nitrosopyrrolidine	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
o,o",o"-Triethylphosphorothioate	0.95	U	0.95	0.12	ug/L		05/05/11 14:45	05/18/11 18:40	1
o-Toluidine	0.95	U	0.95	0.12	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,2'-oxybis[1-chloropropane]	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/05/11 14:45	05/18/11 18:40	1
Pentachlorobenzene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Pentachloronitrobenzene	0.95	U	0.95	0.48	ug/L		05/05/11 14:45	05/18/11 18:40	1
Pentachlorophenol	4.8	U *	4.8	0.38	ug/L		05/05/11 14:45	05/18/11 18:40	1
Phenacetin	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Phenanthrone	0.19	U	0.19	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Phenol	0.95	U	0.95	0.12	ug/L		05/05/11 14:45	05/18/11 18:40	1
Phenyl ether	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Phorate	0.95	U	0.95	0.19	ug/L		05/05/11 14:45	05/18/11 18:40	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/05/11 14:45	05/18/11 18:40	1
p-Phenylenediamine	190	U	190	15	ug/L		05/05/11 14:45	05/18/11 18:40	1
Pronamide	0.95	U	0.95	0.11	ug/L		05/05/11 14:45	05/18/11 18:40	1
Pyrene	0.19	U	0.19	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/05/11 14:45	05/18/11 18:40	1
Safrole, Total	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/05/11 14:45	05/18/11 18:40	1
Sulfotep	0.95	U	0.95	0.13	ug/L		05/05/11 14:45	05/18/11 18:40	1
1,2,4,5-Tetrachlorobenzene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,3,4,6-Tetrachlorophenol	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
Thionazin	0.95	U	0.95	0.19	ug/L		05/05/11 14:45	05/18/11 18:40	1
1,2,4-Trichlorobenzene	0.95	U	0.95	0.095	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,4,5-Trichlorophenol	0.95	U	0.95	0.11	ug/L		05/05/11 14:45	05/18/11 18:40	1
2,4,6-Trichlorophenol	0.95	U	0.95	0.16	ug/L		05/05/11 14:45	05/18/11 18:40	1
1,3,5-Trinitrobenzene	0.95	U	0.95	0.48	ug/L		05/05/11 14:45	05/18/11 18:40	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	37	T A J	ug/L		4.30		05/05/11 14:45	05/18/11 18:40	1
Unknown	2.7	T J	ug/L		4.81		05/05/11 14:45	05/18/11 18:40	1
Unknown	1.9	T J	ug/L		5.26		05/05/11 14:45	05/18/11 18:40	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Blank

Lab Sample ID: 680-67837-9

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	8.2	T J	ug/L		5.33		05/05/11 14:45	05/18/11 18:40	1
Benzaldehyde	0.57	J *	ug/L		5.47	100-52-7	05/05/11 14:45	05/18/11 18:40	1
Unknown	0.50	T J	ug/L		5.99		05/05/11 14:45	05/18/11 18:40	1
Unknown	1.2	T J	ug/L		6.57		05/05/11 14:45	05/18/11 18:40	1
Unknown	2.1	T J	ug/L		8.96		05/05/11 14:45	05/18/11 18:40	1
Unknown	3.2	T J	ug/L		11.52		05/05/11 14:45	05/18/11 18:40	1
Unknown	1.8	T J	ug/L		12.67		05/05/11 14:45	05/18/11 18:40	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		34 - 130				05/05/11 14:45	05/18/11 18:40	1
2-Fluorophenol	66		25 - 130				05/05/11 14:45	05/18/11 18:40	1
Nitrobenzene-d5	72		32 - 130				05/05/11 14:45	05/18/11 18:40	1
Phenol-d5	68		27 - 130				05/05/11 14:45	05/18/11 18:40	1
Terphenyl-d14	78		36 - 130				05/05/11 14:45	05/18/11 18:40	1
2,4,6-Tribromophenol	71		30 - 130				05/05/11 14:45	05/18/11 18:40	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/12/11 00:18	1
Ethanol	1000	U	1000	330	ug/L			05/12/11 22:47	1
Isopropanol	1000	U	1000	300	ug/L			05/12/11 22:47	1
Methanol	1000	U	1000	830	ug/L			05/12/11 22:47	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	100	U	100	50	ug/L		05/03/11 17:39	05/06/11 00:33	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:33	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:39	05/06/11 00:33	1
Barium	5.0	U	5.0	1.4	ug/L		05/03/11 17:39	05/06/11 00:33	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:39	05/06/11 00:33	1
Cadmium	0.50	U	0.50	0.13	ug/L		05/03/11 17:39	05/06/11 00:33	1
Calcium	500	U	500	170	ug/L		05/03/11 17:39	05/06/11 00:33	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:39	05/06/11 00:33	1
Cobalt	0.50	U	0.50	0.12	ug/L		05/03/11 17:39	05/06/11 00:33	1
Copper	5.0	U	5.0	1.1	ug/L		05/03/11 17:39	05/06/11 00:33	1
Iron	100	U	100	44	ug/L		05/03/11 17:39	05/06/11 00:33	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:39	05/06/11 00:33	1
Magnesium	250	U	250	100	ug/L		05/03/11 17:39	05/06/11 00:33	1
Manganese	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:33	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/06/11 00:33	1
Nickel	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:33	1
Potassium	1000	U	1000	330	ug/L		05/03/11 17:39	05/06/11 00:33	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/06/11 00:33	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/06/11 00:33	1
Sodium	500	U	500	170	ug/L		05/03/11 17:39	05/06/11 00:33	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 00:33	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:39	05/06/11 00:33	1
Zinc	20	U	20	8.4	ug/L		05/03/11 17:39	05/06/11 00:33	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Field Blank

Lab Sample ID: 680-67837-9

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4300		1000	180	ug/L			05/17/11 11:29	1
Nitrogen, Kjeldahl	1300		200	150	ug/L		05/17/11 10:30	05/18/11 15:54	1
Nitrate as N	50	U	50	10	ug/L			04/29/11 17:48	1
Nitrite as N	60		50	10	ug/L			04/29/11 17:48	1
Sulfate	4100	J	5000	2500	ug/L			05/17/11 13:49	1
Total Organic Carbon	1000	U	1000	500	ug/L			05/17/11 15:22	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7U

Lab Sample ID: 680-67837-10

Date Collected: 04/28/11 16:35

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/05/11 14:25	1
Acetonitrile	40	U	40	10	ug/L			05/05/11 14:25	1
Acrolein	20	U	20	7.4	ug/L			05/05/11 14:25	1
Acrylonitrile	20	U	20	7.2	ug/L			05/05/11 14:25	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/05/11 14:25	1
Benzene	1.0	U	1.0	0.25	ug/L			05/05/11 14:25	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/05/11 14:25	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/05/11 14:25	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/05/11 14:25	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/05/11 14:25	1
2-Butanone	10	U	10	1.0	ug/L			05/05/11 14:25	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/05/11 14:25	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/05/11 14:25	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/05/11 14:25	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/05/11 14:25	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/05/11 14:25	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/05/11 14:25	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/05/11 14:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/05/11 14:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/05/11 14:25	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/05/11 14:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/05/11 14:25	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/05/11 14:25	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/05/11 14:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 14:25	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/05/11 14:25	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/05/11 14:25	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/05/11 14:25	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/05/11 14:25	1
Diethyl ether	93		10	1.0	ug/L			05/05/11 14:25	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/05/11 14:25	1
Ethylene oxide	200	U	200	200	ug/L			05/05/11 14:25	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/05/11 14:25	1
2-Hexanone	10	U	10	1.0	ug/L			05/05/11 14:25	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/05/11 14:25	1
Isobutyl alcohol	40	U	40	11	ug/L			05/05/11 14:25	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/05/11 14:25	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/05/11 14:25	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/05/11 14:25	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/05/11 14:25	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/05/11 14:25	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/05/11 14:25	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 14:25	1
Propionitrile	20	U	20	4.6	ug/L			05/05/11 14:25	1
Propylene oxide	200	U	200	200	ug/L			05/05/11 14:25	1
Styrene	1.0	U	1.0	0.11	ug/L			05/05/11 14:25	1
t-Butanol	6.1		5.0	2.6	ug/L			05/05/11 14:25	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/05/11 14:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/05/11 14:25	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7U

Lab Sample ID: 680-67837-10

Date Collected: 04/28/11 16:35

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/05/11 14:25	1
Toluene	1.0	U	1.0	0.33	ug/L			05/05/11 14:25	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/05/11 14:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/05/11 14:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/05/11 14:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/05/11 14:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/05/11 14:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/05/11 14:25	1
Trichloroethylene	0.54 J		1.0	0.13	ug/L			05/05/11 14:25	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 14:25	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/05/11 14:25	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/05/11 14:25	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/05/11 14:25	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/05/11 14:25	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>05/05/11 14:25</i>	<i>1</i>
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130					05/05/11 14:25	1
Dibromofluoromethane	102		70 - 130					05/05/11 14:25	1
Toluene-d8 (Surr)	103		70 - 130					05/05/11 14:25	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.17 J		0.19	0.095	ug/L			05/18/11 17:46	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L			05/18/11 17:46	1
Acetophenone	0.95	U	0.95	0.095	ug/L			05/18/11 17:46	1
2-Acetylaminofluorene	0.95	U	0.95	0.095	ug/L			05/18/11 17:46	1
alpha,alpha-Dimethyl phenethylamine	9.5	U	9.5	3.2	ug/L			05/18/11 17:46	1
4-Aminobiphenyl	4.8	U	4.8	0.29	ug/L			05/18/11 17:46	1
Aniline	1.9	U	1.9	0.92	ug/L			05/18/11 17:46	1
Anthracene	0.19	U	0.19	0.095	ug/L			05/18/11 17:46	1
Aramite, Total	1.4	U	1.4	0.10	ug/L			05/18/11 17:46	1
Benzo[a]anthracene	0.19	U	0.19	0.095	ug/L			05/18/11 17:46	1
Benzo[a]pyrene	0.19	U	0.19	0.095	ug/L			05/18/11 17:46	1
Benzo[b]fluoranthene	0.19	U	0.19	0.095	ug/L			05/18/11 17:46	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.095	ug/L			05/18/11 17:46	1
Benzo[k]fluoranthene	0.19	U	0.19	0.095	ug/L			05/18/11 17:46	1
Benzyl alcohol	0.95	U	0.95	0.13	ug/L			05/18/11 17:46	1
1,1'-Biphenyl	0.95	U	0.95	0.095	ug/L			05/18/11 17:46	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.095	ug/L			05/18/11 17:46	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L			05/18/11 17:46	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L			05/18/11 17:46	1
4-Bromophenyl phenyl ether	0.95	U	0.95	0.11	ug/L			05/18/11 17:46	1
Butyl benzyl phthalate	0.95	U	0.95	0.11	ug/L			05/18/11 17:46	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L			05/18/11 17:46	1
4-Chloro-3-methylphenol	0.95	U	0.95	0.11	ug/L			05/18/11 17:46	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L			05/18/11 17:46	1
2-Chlorophenol	0.95	U	0.95	0.11	ug/L			05/18/11 17:46	1
4-Chlorophenyl phenyl ether	0.95	U	0.95	0.095	ug/L			05/18/11 17:46	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7U

Lab Sample ID: 680-67837-10

Date Collected: 04/28/11 16:35

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/18/11 17:46	1
Diallate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
1,2-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
1,3-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
1,4-Dichlorobenzene	0.12	J B	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,4-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,6-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Diethyl phthalate	0.95	U	0.95	0.10	ug/L		05/03/11 14:47	05/18/11 17:46	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/03/11 14:47	05/18/11 17:46	1
7,12-Dimethylbenz(a)anthracene	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/18/11 17:46	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,4-Dimethylphenol	1.9	U	1.9	0.66	ug/L		05/03/11 14:47	05/18/11 17:46	1
Dimethyl phthalate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Di-n-butyl phthalate	0.95	U	0.95	0.37	ug/L		05/03/11 14:47	05/18/11 17:46	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.12	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,4-Dinitrophenol	9.5	U	9.5	1.0	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,4-Dinitrotoluene	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,6-Dinitrotoluene	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 17:46	1
Di-n-octyl phthalate	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/18/11 17:46	1
1,4-Dioxane	1.2	J	1.9	0.29	ug/L		05/03/11 14:47	05/18/11 17:46	1
Disulfoton	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Ethyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Ethyl Parathion	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Famphur	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/18/11 17:46	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Fluorene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Hexachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/18/11 17:46	1
Hexachloroethane	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 17:46	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/18/11 17:46	1
Hexachloropropene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Isophorone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Isosafrole	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
m-Dinitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/18/11 17:46	1
3-Methylcholanthrene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 17:46	1
Methyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
2-Methylnaphthalene	0.25		0.19	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Methyl parathion	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 17:46	1
2-Methylphenol	1.9	U	1.9	0.70	ug/L		05/03/11 14:47	05/18/11 17:46	1
3 & 4 Methylphenol	1.9	U	1.9	0.63	ug/L		05/03/11 14:47	05/18/11 17:46	1
1-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/18/11 17:46	1
2-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/18/11 17:46	1
Naphthalene	0.18	J	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7U

Lab Sample ID: 680-67837-10

Date Collected: 04/28/11 16:35

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 17:46	1
2-Nitroaniline	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/18/11 17:46	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/18/11 17:46	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/18/11 17:46	1
Nitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
5-Nitro-o-toluidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
2-Nitrophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/18/11 17:46	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.0	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosodiethylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosodimethylamine	0.95	U	0.95	0.24	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosodi-n-butylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.35	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosomorpholine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosopiperidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
N-Nitrosopyrrolidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
o,o",o"-Triethylphosphorothioate	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 17:46	1
o-Toluidine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,2'-oxybis[1-chloropropane]	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/18/11 17:46	1
Pentachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Pentachloronitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 17:46	1
Pentachlorophenol	4.8	U	4.8	0.38	ug/L		05/03/11 14:47	05/18/11 17:46	1
Phenacetin	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Phenanthrone	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Phenol	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 17:46	1
Phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Phorate	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/18/11 17:46	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/18/11 17:46	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/18/11 17:46	1
Pronamide	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/18/11 17:46	1
Pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Pyridine	4.8	U	4.8	0.69	ug/L		05/03/11 14:47	05/18/11 17:46	1
Safrole, Total	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/18/11 17:46	1
Sulfotep	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/18/11 17:46	1
1,2,4,5-Tetrachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,3,4,6-Tetrachlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
Thionazin	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/18/11 17:46	1
1,2,4-Trichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,4,5-Trichlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/18/11 17:46	1
2,4,6-Trichlorophenol	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/18/11 17:46	1
1,3,5-Trinitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 17:46	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	52	T J	ug/L		6.39		05/03/11 14:47	05/18/11 17:46	1
Unknown	2.4	T J	ug/L		7.10		05/03/11 14:47	05/18/11 17:46	1
Unknown	1.9	T J	ug/L		7.17		05/03/11 14:47	05/18/11 17:46	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7U

Lab Sample ID: 680-67837-10

Date Collected: 04/28/11 16:35

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	160	T J	ug/L		8.24		05/03/11 14:47	05/18/11 17:46	1
Unknown	2.5	T J	ug/L		8.27		05/03/11 14:47	05/18/11 17:46	1
Unknown	3.0	T J	ug/L		8.84		05/03/11 14:47	05/18/11 17:46	1
Unknown	1.4	T J	ug/L		8.96		05/03/11 14:47	05/18/11 17:46	1
Unknown	49	T J	ug/L		9.84		05/03/11 14:47	05/18/11 17:46	1
Oleic Acid	2.2	T J N	ug/L		12.46	112-80-1	05/03/11 14:47	05/18/11 17:46	1
Acetic acid, (triphenylphosphoranylidene)	3.3	T J N	ug/L		14.33	2605-67-6	05/03/11 14:47	05/18/11 17:46	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		34 - 130				05/03/11 14:47	05/18/11 17:46	1
2-Fluorophenol	50		25 - 130				05/03/11 14:47	05/18/11 17:46	1
Nitrobenzene-d5	55		32 - 130				05/03/11 14:47	05/18/11 17:46	1
Phenol-d5	52		27 - 130				05/03/11 14:47	05/18/11 17:46	1
Terphenyl-d14	69		36 - 130				05/03/11 14:47	05/18/11 17:46	1
2,4,6-Tribromophenol	71		30 - 130				05/03/11 14:47	05/18/11 17:46	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/12/11 00:42	1
Ethanol	1000	U	1000	330	ug/L			05/12/11 23:11	1
Isopropanol	1000	U	1000	300	ug/L			05/12/11 23:11	1
Methanol	1000	U	1000	830	ug/L			05/12/11 23:11	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	460		100	50	ug/L		05/03/11 17:39	05/06/11 01:50	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:50	1
Arsenic	1.4	J	2.5	1.3	ug/L		05/03/11 17:39	05/06/11 01:50	1
Barium	56		5.0	1.4	ug/L		05/03/11 17:39	05/06/11 01:50	1
Beryllium	3.0		0.50	0.15	ug/L		05/03/11 17:39	05/06/11 01:50	1
Cadmium	11		0.50	0.13	ug/L		05/03/11 17:39	05/06/11 01:50	1
Calcium	560000		1000	340	ug/L		05/03/11 17:39	05/06/11 10:15	2
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:39	05/06/11 01:50	1
Cobalt	440		0.50	0.12	ug/L		05/03/11 17:39	05/06/11 01:50	1
Copper	88		5.0	1.1	ug/L		05/03/11 17:39	05/06/11 01:50	1
Iron	43000		100	44	ug/L		05/03/11 17:39	05/06/11 01:50	1
Lead	1.7		1.5	0.50	ug/L		05/03/11 17:39	05/06/11 01:50	1
Magnesium	320000		250	100	ug/L		05/03/11 17:39	05/06/11 01:50	1
Manganese	48000		50	20	ug/L		05/03/11 17:39	05/06/11 10:49	10
Mercury	1.6		0.80	0.40	ug/L		05/03/11 17:39	05/06/11 01:50	1
Nickel	130		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 01:50	1
Potassium	3800		1000	330	ug/L		05/03/11 17:39	05/06/11 01:50	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/06/11 01:50	1
Silver	2.1		1.0	0.18	ug/L		05/03/11 17:39	05/06/11 01:50	1
Sodium	280000		500	170	ug/L		05/03/11 17:39	05/06/11 01:50	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 01:50	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:39	05/06/11 01:50	1
Zinc	110		20	8.4	ug/L		05/03/11 17:39	05/06/11 01:50	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7U

Lab Sample ID: 680-67837-10

Date Collected: 04/28/11 16:35

Matrix: Water

Date Received: 04/29/11 09:28

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100000		50000	9000	ug/L			05/17/11 11:37	50
Nitrogen, Kjeldahl	750		200	150	ug/L		05/17/11 10:30	05/18/11 15:54	1
Nitrate as N	18 J		50	10	ug/L			04/29/11 17:49	1
Nitrite as N	50 U		50	10	ug/L			04/29/11 17:49	1
Sulfate	520000		100000	50000	ug/L			05/17/11 14:10	20
Total Organic Carbon	2400		1000	500	ug/L			05/17/11 15:38	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7L

Lab Sample ID: 680-67837-11

Date Collected: 04/28/11 16:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/04/11 18:47	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 18:47	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 18:47	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 18:47	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 18:47	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 18:47	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 18:47	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 18:47	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 18:47	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 18:47	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 18:47	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 18:47	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 18:47	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 18:47	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 18:47	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 18:47	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 18:47	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 18:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 18:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 18:47	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 18:47	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 18:47	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 18:47	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 18:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 18:47	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 18:47	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 18:47	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 18:47	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 18:47	1
Diethyl ether	10	U	10	1.0	ug/L			05/04/11 18:47	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 18:47	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 18:47	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 18:47	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 18:47	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 18:47	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 18:47	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 18:47	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 18:47	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 18:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 18:47	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/04/11 18:47	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 18:47	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 18:47	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 18:47	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 18:47	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 18:47	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/04/11 18:47	1
1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 18:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 18:47	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7L

Lab Sample ID: 680-67837-11

Date Collected: 04/28/11 16:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 18:47	1
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 18:47	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 18:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 18:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 18:47	1
1,2,2-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 18:47	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 18:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 18:47	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/04/11 18:47	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 18:47	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 18:47	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 18:47	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 18:47	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 18:47	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/04/11 18:47	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		05/04/11 18:47	1
Dibromofluoromethane	101		70 - 130		05/04/11 18:47	1
Toluene-d8 (Surr)	102		70 - 130		05/04/11 18:47	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Acetophenone	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
2-Acetylaminofluorene	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
alpha,alpha-Dimethyl phenethylamine	9.5	U	9.5	3.2	ug/L			05/03/11 14:47	1
4-Aminobiphenyl	4.8	U	4.8	0.30	ug/L			05/03/11 14:47	1
Aniline	1.9	U	1.9	0.92	ug/L			05/03/11 14:47	1
Anthracene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Aramite, Total	1.4	U	1.4	0.10	ug/L			05/03/11 14:47	1
Benzo[a]anthracene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[a]pyrene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[b]fluoranthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzo[k]fluoranthene	0.19	U	0.19	0.095	ug/L			05/03/11 14:47	1
Benzyl alcohol	0.95	U	0.95	0.13	ug/L			05/03/11 14:47	1
1,1'-Biphenyl	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.61	ug/L			05/03/11 14:47	1
4-Bromophenyl phenyl ether	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
Butyl benzyl phthalate	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
4-Chloroaniline	1.9	U	1.9	0.34	ug/L			05/03/11 14:47	1
4-Chloro-3-methylphenol	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1
2-Chlorophenol	0.95	U	0.95	0.11	ug/L			05/03/11 14:47	1
4-Chlorophenyl phenyl ether	0.95	U	0.95	0.095	ug/L			05/03/11 14:47	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7L

Lab Sample ID: 680-67837-11

Date Collected: 04/28/11 16:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.19	U	0.19	0.043	ug/L		05/03/11 14:47	05/18/11 18:13	1
Diallate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
1,2-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
1,3-Dichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
1,4-Dichlorobenzene	0.17	J B	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
3,3'-Dichlorobenzidine	19	U	19	1.9	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,4-Dichlorophenol	0.95	U *	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,6-Dichlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Diethyl phthalate	0.95	U	0.95	0.10	ug/L		05/03/11 14:47	05/18/11 18:13	1
Dimethoate	1.9	U	1.9	0.11	ug/L		05/03/11 14:47	05/18/11 18:13	1
7,12-Dimethylbenz(a)anthracene	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/18/11 18:13	1
3,3'-Dimethylbenzidine	19	U *	19	4.8	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,4-Dimethylphenol	1.9	U *	1.9	0.66	ug/L		05/03/11 14:47	05/18/11 18:13	1
Dimethyl phthalate	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Di-n-butyl phthalate	0.95	U	0.95	0.37	ug/L		05/03/11 14:47	05/18/11 18:13	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.12	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,4-Dinitrophenol	9.5	U	9.5	1.0	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,4-Dinitrotoluene	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,6-Dinitrotoluene	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 18:13	1
Di-n-octyl phthalate	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/18/11 18:13	1
1,4-Dioxane	1.9	U	1.9	0.30	ug/L		05/03/11 14:47	05/18/11 18:13	1
Disulfoton	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Ethyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Ethyl Parathion	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Famphur	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/18/11 18:13	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Fluorene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Hexachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Hexachlorocyclopentadiene	1.9	U	1.9	0.48	ug/L		05/03/11 14:47	05/18/11 18:13	1
Hexachloroethane	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 18:13	1
Hexachlorophene	480	U *	480	24	ug/L		05/03/11 14:47	05/18/11 18:13	1
Hexachloropropene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Isophorone	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Isosafrole	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
m-Dinitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Methapyrilene	190	U	190	1.2	ug/L		05/03/11 14:47	05/18/11 18:13	1
3-Methylcholanthrene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 18:13	1
Methyl methanesulfonate	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Methyl parathion	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 18:13	1
2-Methylphenol	1.9	U	1.9	0.71	ug/L		05/03/11 14:47	05/18/11 18:13	1
3 & 4 Methylphenol	1.9	U *	1.9	0.63	ug/L		05/03/11 14:47	05/18/11 18:13	1
1-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/18/11 18:13	1
2-Naphthalenamine	4.8	U	4.8	1.2	ug/L		05/03/11 14:47	05/18/11 18:13	1
Naphthalene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7L

Lab Sample ID: 680-67837-11

Date Collected: 04/28/11 16:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 18:13	1
2-Nitroaniline	0.95	U	0.95	0.15	ug/L		05/03/11 14:47	05/18/11 18:13	1
3-Nitroaniline	4.8	U	4.8	0.15	ug/L		05/03/11 14:47	05/18/11 18:13	1
4-Nitroaniline	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/18/11 18:13	1
Nitrobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
5-Nitro-o-toluidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
2-Nitrophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
4-Nitrophenol	4.8	U	4.8	0.48	ug/L		05/03/11 14:47	05/18/11 18:13	1
4-Nitroquinoline-1-oxide	1.9	U	1.9	1.0	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosodiethylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosodimethylamine	0.95	U	0.95	0.24	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosodi-n-butylamine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.35	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosomethylethylamine	1.9	U	1.9	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosomorpholine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosopiperidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
N-Nitrosopyrrolidine	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
o,o",o"-Triethylphosphorothioate	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 18:13	1
o-Toluidine	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,2'-oxybis[1-chloropropane]	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
p-Dimethylamino azobenzene	4.8	U	4.8	0.14	ug/L		05/03/11 14:47	05/18/11 18:13	1
Pentachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Pentachloronitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 18:13	1
Pentachlorophenol	4.8	U	4.8	0.38	ug/L		05/03/11 14:47	05/18/11 18:13	1
Phenacetin	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Phenanthrone	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Phenol	0.95	U	0.95	0.12	ug/L		05/03/11 14:47	05/18/11 18:13	1
Phenyl ether	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Phorate	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/18/11 18:13	1
2-Picoline	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/18/11 18:13	1
p-Phenylenediamine	190	U	190	15	ug/L		05/03/11 14:47	05/18/11 18:13	1
Pronamide	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/18/11 18:13	1
Pyrene	0.19	U	0.19	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Pyridine	4.8	U	4.8	0.70	ug/L		05/03/11 14:47	05/18/11 18:13	1
Safrole, Total	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
2-sec-Butyl-4,6-dinitrophenol	1.9	U	1.9	0.14	ug/L		05/03/11 14:47	05/18/11 18:13	1
Sulfotep	0.95	U	0.95	0.13	ug/L		05/03/11 14:47	05/18/11 18:13	1
1,2,4,5-Tetrachlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,3,4,6-Tetrachlorophenol	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
Thionazin	0.95	U	0.95	0.19	ug/L		05/03/11 14:47	05/18/11 18:13	1
1,2,4-Trichlorobenzene	0.95	U	0.95	0.095	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,4,5-Trichlorophenol	0.95	U	0.95	0.11	ug/L		05/03/11 14:47	05/18/11 18:13	1
2,4,6-Trichlorophenol	0.95	U	0.95	0.16	ug/L		05/03/11 14:47	05/18/11 18:13	1
1,3,5-Trinitrobenzene	0.95	U	0.95	0.48	ug/L		05/03/11 14:47	05/18/11 18:13	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	20	T A J	ug/L		4.29		05/03/11 14:47	05/18/11 18:13	1
Unknown	2.0	T J	ug/L		5.33		05/03/11 14:47	05/18/11 18:13	1
Unknown	0.95	T J	ug/L		8.96		05/03/11 14:47	05/18/11 18:13	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7L

Lab Sample ID: 680-67837-11

Date Collected: 04/28/11 16:40

Matrix: Water

Date Received: 04/29/11 09:28

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Organic Acid	1.1	T J	ug/L		12.48		05/03/11 14:47	05/18/11 18:13	1
Unknown	6.6	T J	ug/L		12.67		05/03/11 14:47	05/18/11 18:13	1
Unknown Organic Acid	0.76	T J	ug/L		13.36		05/03/11 14:47	05/18/11 18:13	1
Unknown Organic Acid	0.80	T J	ug/L		13.90		05/03/11 14:47	05/18/11 18:13	1
Phosphine oxide, triphenyl-	2.7	T J N	ug/L		14.33	791-28-6	05/03/11 14:47	05/18/11 18:13	1
Unknown	1.1	T J	ug/L		14.36		05/03/11 14:47	05/18/11 18:13	1
Unknown	0.60	T J	ug/L		18.16		05/03/11 14:47	05/18/11 18:13	1
Surrogate									
	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		34 - 130				05/03/11 14:47	05/18/11 18:13	1
2-Fluorophenol	58		25 - 130				05/03/11 14:47	05/18/11 18:13	1
Nitrobenzene-d5	65		32 - 130				05/03/11 14:47	05/18/11 18:13	1
Phenol-d5	59		27 - 130				05/03/11 14:47	05/18/11 18:13	1
Terphenyl-d14	59		36 - 130				05/03/11 14:47	05/18/11 18:13	1
2,4,6-Tribromophenol	70		30 - 130				05/03/11 14:47	05/18/11 18:13	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220	ug/L			05/12/11 01:06	1
Ethanol	1000	U	1000	330	ug/L			05/12/11 23:35	1
Isopropanol	1000	U	1000	300	ug/L			05/12/11 23:35	1
Methanol	2200		1000	830	ug/L			05/12/11 23:35	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3400		100	50	ug/L		05/03/11 17:39	05/06/11 00:47	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:47	1
Arsenic	1.5	J	2.5	1.3	ug/L		05/03/11 17:39	05/06/11 00:47	1
Barium	160		5.0	1.4	ug/L		05/03/11 17:39	05/06/11 00:47	1
Beryllium	0.73		0.50	0.15	ug/L		05/03/11 17:39	05/06/11 00:47	1
Cadmium	0.16	J	0.50	0.13	ug/L		05/03/11 17:39	05/06/11 00:47	1
Calcium	94000		500	170	ug/L		05/03/11 17:39	05/06/11 00:47	1
Chromium	13		5.0	2.5	ug/L		05/03/11 17:39	05/06/11 00:47	1
Cobalt	6.1		0.50	0.12	ug/L		05/03/11 17:39	05/06/11 00:47	1
Copper	5.6		5.0	1.1	ug/L		05/03/11 17:39	05/06/11 00:47	1
Iron	7900		100	44	ug/L		05/03/11 17:39	05/06/11 00:47	1
Lead	2.5		1.5	0.50	ug/L		05/03/11 17:39	05/06/11 00:47	1
Magnesium	7800		250	100	ug/L		05/03/11 17:39	05/06/11 00:47	1
Manganese	810		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:47	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/06/11 00:47	1
Nickel	8.7		5.0	2.0	ug/L		05/03/11 17:39	05/06/11 00:47	1
Potassium	5600		1000	330	ug/L		05/03/11 17:39	05/06/11 00:47	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/06/11 00:47	1
Silver	0.49	J	1.0	0.18	ug/L		05/03/11 17:39	05/06/11 00:47	1
Sodium	20000		500	170	ug/L		05/03/11 17:39	05/06/11 00:47	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/06/11 00:47	1
Vanadium	11		10	3.2	ug/L		05/03/11 17:39	05/06/11 00:47	1
Zinc	14	J	20	8.4	ug/L		05/03/11 17:39	05/06/11 00:47	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: MW-7L

Lab Sample ID: 680-67837-11

Matrix: Water

Date Collected: 04/28/11 16:40

Date Received: 04/29/11 09:28

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55000		1000	180	ug/L			05/17/11 10:56	1
Nitrogen, Kjeldahl	250		200	150	ug/L		05/17/11 10:30	05/18/11 15:54	1
Nitrate as N	50	U	50	10	ug/L			04/29/11 17:53	1
Nitrite as N	50	U	50	10	ug/L			04/29/11 17:53	1
Sulfate	32000		10000	5000	ug/L			05/17/11 13:51	2
Total Organic Carbon	690	J	1000	500	ug/L			05/17/11 16:35	1

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Trip Blank 3

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/04/11 13:59	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 13:59	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 13:59	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 13:59	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 13:59	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 13:59	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 13:59	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:59	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 13:59	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 13:59	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 13:59	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 13:59	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 13:59	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 13:59	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 13:59	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 13:59	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 13:59	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 13:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 13:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 13:59	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 13:59	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 13:59	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:59	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 13:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:59	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:59	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 13:59	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 13:59	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 13:59	1
Diethyl ether	10	U	10	1.0	ug/L			05/04/11 13:59	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 13:59	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 13:59	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 13:59	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 13:59	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 13:59	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 13:59	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 13:59	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 13:59	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 13:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 13:59	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/04/11 13:59	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 13:59	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 13:59	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 13:59	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 13:59	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 13:59	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/04/11 13:59	1
1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 13:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 13:59	1

TestAmerica Savannah

Client Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Client Sample ID: Trip Blank 3

Lab Sample ID: 680-67837-12

Matrix: Water

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 13:59	1
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 13:59	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 13:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 13:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 13:59	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 13:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 13:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 13:59	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/04/11 13:59	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 13:59	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 13:59	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 13:59	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 13:59	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 13:59	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/04/11 13:59	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		05/04/11 13:59	1
Dibromofluoromethane	101		70 - 130		05/04/11 13:59	1
Toluene-d8 (Surr)	102		70 - 130		05/04/11 13:59	1

Surrogate Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
680-67794-1	LF-5	92	101	103
680-67794-1 MS	LF-5	90	91	94
680-67794-1 MSD	LF-5	98	101	101
680-67794-2	LF-4	92	104	104
680-67794-3	LF-1	96	103	103
680-67794-4	LF-2	93	103	102
680-67794-5 - DL	LF-3	97	97	105
680-67794-5	LF-3	94	102	102
680-67794-6	WWL-2	95	101	104
680-67794-7	WWL-1	95	96	103
680-67794-8	Trip Blank 2	94	103	102
680-67794-9	Equipment Blank	94	105	102
680-67794-10	WWL-3L	95	101	105
680-67794-11	WWL-3U	99	96	105
680-67794-11 - RA	WWL-3U	100	97	107
680-67837-1	RAB-MW2	93	100	102
680-67837-1 - DL	RAB-MW2	95	97	103
680-67837-2	RAB-MW4	95	103	102
680-67837-3	Field Dup	97	99	98
680-67837-3 - DL	Field Dup	96	98	102
680-67837-4	NAT-3	97	100	101
680-67837-4 - DL	NAT-3	95	101	103
680-67837-5	NAT-2	97	104	101
680-67837-5 - DL	NAT-2	97	100	100
680-67837-6	NAT-1	96	106	103
680-67837-7	RAB-MW3	95	103	102
680-67837-7 - DL	RAB-MW3	98	104	105
680-67837-8	MW-10	96	101	102
680-67837-9	Field Blank	96	103	100
680-67837-10	MW-7U	95	102	103
680-67837-11	MW-7L	96	101	102
680-67837-12	Trip Blank 3	96	101	102
LCS 680-201744/4	LCS 680-201744/4	100	103	102
LCS 680-201921/6	LCS 680-201921/6	99	106	103
LCS 680-201923/11	LCS 680-201923/11	99	98	102
LCS 680-201948/10	LCS 680-201948/10	100	98	103
LCS 680-202067/8	LCS 680-202067/8	99	101	104
LCS 680-202151/6	LCS 680-202151/6	95	96	98
LCS 680-203845/12	LCS 680-203845/12	112	100	110
LCSD 680-201744/14	LCSD 680-201744/14	100	101	102
LCSD 680-201921/7	LCSD 680-201921/7	99	99	101
LCSD 680-201923/15	LCSD 680-201923/15	99	97	101
LCSD 680-201948/11	LCSD 680-201948/11	104	100	105
LCSD 680-202067/9	LCSD 680-202067/9	101	101	104
LCSD 680-202151/8	LCSD 680-202151/8	98	96	101
LCSD 680-203845/13	LCSD 680-203845/13	105	98	107
MB 680-201744/17	MB 680-201744/17	97	103	104
MB 680-201921/9	MB 680-201921/9	96	104	101
MB 680-201923/12	MB 680-201923/12	97	104	101
MB 680-201948/13	MB 680-201948/13	95	104	100
MB 680-202067/11	MB 680-202067/11	95	103	102

TestAmerica Savannah

Surrogate Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-67794-1

Project/Site: Aqualon Hopewell - GW CA APR 2011

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
MB 680-202151/7	MB 680-202151/7	95	101	100
MB 680-203845/15	MB 680-203845/15	98	99	104

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (34-130)	2FP (25-130)	NBZ (32-130)	PHL (27-130)	TPH (36-130)	TBP (30-130)
680-67794-1	LF-5	52	47	55	44	62	64
680-67794-1 MS	LF-5	50	47	54	42	54	63
680-67794-1 MS	LF-5	41	41	46	37	59	51
680-67794-1 MSD	LF-5	54	51	56	48	55	64
680-67794-1 MSD	LF-5	46	45	48	40	61	61
680-67794-2	LF-4	63	55	61	54	76	73
680-67794-3	LF-1	74	63	72	60	79	81
680-67794-5	LF-3	71	56	69	64	71	75
680-67794-9	Equipment Blank	70	60	70	57	79	73
680-67794-10	WWL-3L	74	68	71	65	69	82
680-67794-11	WWL-3U	66	62	65	57	66	77
680-67837-3	Field Dup	62	56	68	62	55	71
680-67837-4	NAT-3	51	48	54	53	54	74
680-67837-5	NAT-2	51	53	56	54	60	77
680-67837-8	MW-10	63	55	65	54	70	74
680-67837-9	Field Blank	72	66	72	68	78	71
680-67837-10	MW-7U	57	50	55	52	69	71
680-67837-11	MW-7L	64	58	65	59	59	70
LCS 680-201675/19-A	LCS 680-201675/19-A	66	61	64	54	70	72
LCS 680-201675/22-A	LCS 680-201675/22-A	58	54	57	55	66	75
LCS 680-201990/3-A	LCS 680-201990/3-A	73	71	77	73	79	84
LCS 680-201990/5-A	LCS 680-201990/5-A	63	62	62	63	72	81
LCSD 680-201990/4-A	LCSD 680-201990/4-A	70	66	71	69	74	78
MB 680-201675/18-A	MB 680-201675/18-A	61	56	64	52	69	67
MB 680-201990/2-A	MB 680-201990/2-A	69	61	72	64	80	60

Surrogate Legend

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = Terphenyl-d14

TBP = 2,4,6-Tribromophenol

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-201744/17

Matrix: Water

Analysis Batch: 201744

Client Sample ID: MB 680-201744/17

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	25	U	25	5.0	ug/L			05/02/11 19:15	1
Acetonitrile	40	U	40	10	ug/L			05/02/11 19:15	1
Acrolein	20	U	20	7.4	ug/L			05/02/11 19:15	1
Acrylonitrile	20	U	20	7.2	ug/L			05/02/11 19:15	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/02/11 19:15	1
Benzene	1.0	U	1.0	0.25	ug/L			05/02/11 19:15	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/02/11 19:15	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/02/11 19:15	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/02/11 19:15	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/02/11 19:15	1
2-Butanone	10	U	10	1.0	ug/L			05/02/11 19:15	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/02/11 19:15	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/02/11 19:15	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/02/11 19:15	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/02/11 19:15	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/02/11 19:15	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/02/11 19:15	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/02/11 19:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/02/11 19:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/02/11 19:15	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/02/11 19:15	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/02/11 19:15	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/02/11 19:15	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/02/11 19:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/02/11 19:15	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/02/11 19:15	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/02/11 19:15	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/02/11 19:15	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/02/11 19:15	1
Diethyl ether	10	U	10	1.0	ug/L			05/02/11 19:15	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/02/11 19:15	1
Ethylene oxide	200	U	200	200	ug/L			05/02/11 19:15	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/02/11 19:15	1
2-Hexanone	10	U	10	1.0	ug/L			05/02/11 19:15	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/02/11 19:15	1
Isobutyl alcohol	40	U	40	11	ug/L			05/02/11 19:15	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/02/11 19:15	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/02/11 19:15	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/02/11 19:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/02/11 19:15	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/02/11 19:15	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/02/11 19:15	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/02/11 19:15	1
Propionitrile	20	U	20	4.6	ug/L			05/02/11 19:15	1
Propylene oxide	200	U	200	200	ug/L			05/02/11 19:15	1
Styrene	1.0	U	1.0	0.11	ug/L			05/02/11 19:15	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/02/11 19:15	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/02/11 19:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/02/11 19:15	1

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-201744/17

Matrix: Water

Analysis Batch: 201744

Client Sample ID: MB 680-201744/17

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/02/11 19:15	1
Toluene	1.0	U	1.0	0.33	ug/L			05/02/11 19:15	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/02/11 19:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/02/11 19:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/02/11 19:15	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/02/11 19:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/02/11 19:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/02/11 19:15	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/02/11 19:15	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/02/11 19:15	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/02/11 19:15	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/02/11 19:15	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/02/11 19:15	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/02/11 19:15	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	MB Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/02/11 19:15	1

Surrogate	MB % Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		05/02/11 19:15	1
Dibromofluoromethane	103		70 - 130		05/02/11 19:15	1
Toluene-d8 (Surr)	104		70 - 130		05/02/11 19:15	1

Lab Sample ID: LCS 680-201744/4

Matrix: Water

Analysis Batch: 201744

Client Sample ID: LCS 680-201744/4

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Acetone	100	108		ug/L		108	26 - 180
Benzene	50.0	51.1		ug/L		102	70 - 130
Bromodichloromethane	50.0	52.5		ug/L		105	70 - 130
Bromoform	50.0	44.9		ug/L		90	70 - 130
Bromomethane	50.0	45.6		ug/L		91	23 - 165
2-Butanone	100	97.7		ug/L		98	49 - 172
Carbon disulfide	50.0	47.7		ug/L		95	54 - 132
Carbon tetrachloride	50.0	54.2		ug/L		108	70 - 130
Chlorobenzene	50.0	50.3		ug/L		101	70 - 130
Chloroethane	50.0	41.8		ug/L		84	56 - 152
Chloroform	50.0	51.6		ug/L		103	70 - 130
Chloromethane	50.0	46.5		ug/L		93	70 - 130
cis-1,2-Dichloroethene	50.0	52.0		ug/L		104	70 - 130
cis-1,3-Dichloropropene	50.0	53.4		ug/L		107	70 - 130
Dibromochloromethane	50.0	54.3		ug/L		109	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	53.6		ug/L		107	70 - 130
1,2-Dibromoethane	50.0	52.1		ug/L		104	70 - 130
Dibromomethane	50.0	50.5		ug/L		101	70 - 130
Dichlorodifluoromethane	50.0	46.2		ug/L		92	44 - 146
1,1-Dichloroethane	50.0	51.8		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	49.8		ug/L		100	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-201744/4

Matrix: Water

Analysis Batch: 201744

Client Sample ID: LCS 680-201744/4

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.
	Added	Result	Qualifier				Limits
1,1-Dichloroethene	50.0	50.6		ug/L		101	66 - 131
1,2-Dichloropropane	50.0	50.4		ug/L		101	70 - 130
Diethyl ether	50.0	50.4		ug/L		101	10 - 200
Ethylbenzene	50.0	51.9		ug/L		104	70 - 130
2-Hexanone	100	103		ug/L		103	42 - 185
Methylene Chloride	50.0	49.0		ug/L		98	67 - 130
4-Methyl-2-pentanone (MIBK)	100	99.8		ug/L		100	70 - 130
Methyl tert-butyl ether	100	105		ug/L		105	64 - 131
Styrene	50.0	52.9		ug/L		106	70 - 130
t-Butanol	50.0	57.7		ug/L		115	20 - 195
1,1,1,2-Tetrachloroethane	50.0	54.1		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.9		ug/L		104	70 - 130
Tetrachloroethene	50.0	49.8		ug/L		100	70 - 130
Toluene	50.0	50.8		ug/L		102	70 - 130
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	70 - 130
trans-1,3-Dichloropropene	50.0	54.9		ug/L		110	70 - 130
1,2,3-Trichlorobenzene	50.0	51.1		ug/L		102	70 - 130
1,1,1-Trichloroethane	50.0	52.8		ug/L		106	70 - 130
1,1,2-Trichloroethane	50.0	50.9		ug/L		102	70 - 130
Trichloroethylene	50.0	51.2		ug/L		102	70 - 130
Trichlorofluoromethane	50.0	45.9		ug/L		92	55 - 156
1,2,3-Trichloropropane	50.0	50.5		ug/L		101	70 - 130
Vinyl acetate	100	157		ug/L		157	60 - 176
Vinyl chloride	50.0	53.1		ug/L		106	67 - 134
Xylenes, Total	150	156		ug/L		104	70 - 130

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 680-201744/14

Matrix: Water

Analysis Batch: 201744

Client Sample ID: LCSD 680-201744/14

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	RPD	Limit
	Added	Result	Qualifier				Limits		
Acetone	100	105		ug/L		105	26 - 180	3	50
Benzene	50.0	51.4		ug/L		103	70 - 130	1	30
Bromodichloromethane	50.0	52.8		ug/L		106	70 - 130	1	30
Bromoform	50.0	44.9		ug/L		90	70 - 130	0	30
Bromomethane	50.0	49.6		ug/L		99	23 - 165	8	50
2-Butanone	100	99.8		ug/L		100	49 - 172	2	30
Carbon disulfide	50.0	46.5		ug/L		93	54 - 132	3	30
Carbon tetrachloride	50.0	53.8		ug/L		108	70 - 130	1	30
Chlorobenzene	50.0	49.8		ug/L		100	70 - 130	1	30
Chloroethane	50.0	41.5		ug/L		83	56 - 152	1	40
Chloroform	50.0	50.9		ug/L		102	70 - 130	1	30
Chloromethane	50.0	45.6		ug/L		91	70 - 130	2	30
cis-1,2-Dichloroethene	50.0	50.7		ug/L		101	70 - 130	2	30

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-201744/14

Client Sample ID: LCSD 680-201744/14

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201744

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	RPD Limit
	Added	Result	Qualifier				Limits		
cis-1,3-Dichloropropene	50.0	54.6		ug/L	109	70 - 130	2	30	
Dibromochloromethane	50.0	54.7		ug/L	109	70 - 130	1	50	
1,2-Dibromo-3-Chloropropane	50.0	53.5		ug/L	107	70 - 130	0	50	
1,2-Dibromoethane	50.0	53.1		ug/L	106	70 - 130	2	30	
Dibromomethane	50.0	51.3		ug/L	103	70 - 130	1	30	
Dichlorodifluoromethane	50.0	44.7		ug/L	89	44 - 146	3	50	
1,1-Dichloroethane	50.0	51.0		ug/L	102	70 - 130	2	30	
1,2-Dichloroethane	50.0	49.8		ug/L	100	70 - 130	0	30	
1,1-Dichloroethene	50.0	48.2		ug/L	96	66 - 131	5	30	
1,2-Dichloropropane	50.0	50.6		ug/L	101	70 - 130	0	30	
Diethyl ether	50.0	49.3		ug/L	99	10 - 200	2	50	
Ethylbenzene	50.0	51.8		ug/L	104	70 - 130	0	30	
2-Hexanone	100	105		ug/L	105	42 - 185	2	30	
Methylene Chloride	50.0	49.5		ug/L	99	67 - 130	1	30	
4-Methyl-2-pentanone (MIBK)	100	102		ug/L	102	70 - 130	2	30	
Methyl tert-butyl ether	100	104		ug/L	104	64 - 131	0	30	
Styrene	50.0	52.7		ug/L	105	70 - 130	0	30	
t-Butanol	50.0	57.6		ug/L	115	20 - 195	0	50	
1,1,1,2-Tetrachloroethane	50.0	54.6		ug/L	109	70 - 130	1	30	
1,1,2,2-Tetrachloroethane	50.0	51.6		ug/L	103	70 - 130	1	30	
Tetrachloroethene	50.0	49.1		ug/L	98	70 - 130	2	30	
Toluene	50.0	51.4		ug/L	103	70 - 130	1	30	
trans-1,2-Dichloroethene	50.0	50.6		ug/L	101	70 - 130	3	30	
trans-1,3-Dichloropropene	50.0	55.7		ug/L	111	70 - 130	1	50	
1,2,3-Trichlorobenzene	50.0	51.6		ug/L	103	70 - 130	1	30	
1,1,1-Trichloroethane	50.0	52.2		ug/L	104	70 - 130	1	30	
1,1,2-Trichloroethane	50.0	51.7		ug/L	103	70 - 130	2	30	
Trichloroethylene	50.0	51.3		ug/L	103	70 - 130	0	30	
Trichlorofluoromethane	50.0	43.5		ug/L	87	55 - 156	5	30	
1,2,3-Trichloropropane	50.0	50.7		ug/L	101	70 - 130	1	30	
Vinyl acetate	100	156		ug/L	156	60 - 176	1	30	
Vinyl chloride	50.0	51.0		ug/L	102	67 - 134	4	30	
Xylenes, Total	150	156		ug/L	104	70 - 130	0	30	

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: MB 680-201921/9

Client Sample ID: MB 680-201921/9

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201921

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	25	U	25	5.0	ug/L			05/03/11 12:02	1
Acetonitrile	40	U	40	10	ug/L			05/03/11 12:02	1
Acrolein	20	U	20	7.4	ug/L			05/03/11 12:02	1
Acrylonitrile	20	U	20	7.2	ug/L			05/03/11 12:02	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/03/11 12:02	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-201921/9

Matrix: Water

Analysis Batch: 201921

Client Sample ID: MB 680-201921/9

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.25	ug/L		05/03/11 12:02		1
Benzyl chloride	1.0	U	1.0	1.0	ug/L		05/03/11 12:02		1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L		05/03/11 12:02		1
Bromoform	1.0	U	1.0	0.50	ug/L		05/03/11 12:02		1
Bromomethane	1.0	U	1.0	0.80	ug/L		05/03/11 12:02		1
2-Butanone	10	U	10	1.0	ug/L		05/03/11 12:02		1
Carbon disulfide	2.0	U	2.0	0.60	ug/L		05/03/11 12:02		1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L		05/03/11 12:02		1
Chlorobenzene	1.0	U	1.0	0.25	ug/L		05/03/11 12:02		1
Chloroethane	1.0	U	1.0	1.0	ug/L		05/03/11 12:02		1
Chloroform	1.0	U	1.0	0.14	ug/L		05/03/11 12:02		1
Chloromethane	1.0	U	1.0	0.33	ug/L		05/03/11 12:02		1
Chloroprene	1.0	U	1.0	0.30	ug/L		05/03/11 12:02		1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L		05/03/11 12:02		1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L		05/03/11 12:02		1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L		05/03/11 12:02		1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L		05/03/11 12:02		1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L		05/03/11 12:02		1
Dibromomethane	1.0	U	1.0	0.20	ug/L		05/03/11 12:02		1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L		05/03/11 12:02		1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L		05/03/11 12:02		1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L		05/03/11 12:02		1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L		05/03/11 12:02		1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L		05/03/11 12:02		1
Diethyl ether	10	U	10	1.0	ug/L		05/03/11 12:02		1
Ethylbenzene	1.0	U	1.0	0.11	ug/L		05/03/11 12:02		1
Ethylene oxide	200	U	200	200	ug/L		05/03/11 12:02		1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L		05/03/11 12:02		1
2-Hexanone	10	U	10	1.0	ug/L		05/03/11 12:02		1
Iodomethane	5.0	U	5.0	1.0	ug/L		05/03/11 12:02		1
Isobutyl alcohol	40	U	40	11	ug/L		05/03/11 12:02		1
Methacrylonitrile	20	U	20	3.3	ug/L		05/03/11 12:02		1
Methylene Chloride	5.0	U	5.0	1.0	ug/L		05/03/11 12:02		1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L		05/03/11 12:02		1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L		05/03/11 12:02		1
Methyl tert-butyl ether	10	U	10	0.20	ug/L		05/03/11 12:02		1
n-Heptane	1.0	U	1.0	0.42	ug/L		05/03/11 12:02		1
Pentachloroethane	5.0	U	5.0	1.2	ug/L		05/03/11 12:02		1
Propionitrile	20	U	20	4.6	ug/L		05/03/11 12:02		1
Propylene oxide	200	U	200	200	ug/L		05/03/11 12:02		1
Styrene	1.0	U	1.0	0.11	ug/L		05/03/11 12:02		1
t-Butanol	5.0	U	5.0	2.6	ug/L		05/03/11 12:02		1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L		05/03/11 12:02		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L		05/03/11 12:02		1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L		05/03/11 12:02		1
Toluene	1.0	U	1.0	0.33	ug/L		05/03/11 12:02		1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L		05/03/11 12:02		1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L		05/03/11 12:02		1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L		05/03/11 12:02		1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L		05/03/11 12:02		1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-201921/9

Matrix: Water

Analysis Batch: 201921

Client Sample ID: MB 680-201921/9

Prep Type: Total/NA

Analyte	MB		MB		D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	RL	MDL				
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L		05/03/11 12:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L		05/03/11 12:02	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L		05/03/11 12:02	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L		05/03/11 12:02	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L		05/03/11 12:02	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L		05/03/11 12:02	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L		05/03/11 12:02	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L		05/03/11 12:02	1
Tentatively Identified Compound	MB		MB		D	Prepared	Analyzed	Dil Fac
	Est. Result	Qualifier	Unit	D				
Tentatively Identified Compound	None		ug/L				05/03/11 12:02	1
Surrogate	MB		MB		D	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier	Limits					
4-Bromofluorobenzene	96		70 - 130				05/03/11 12:02	1
Dibromofluoromethane	104		70 - 130				05/03/11 12:02	1
Toluene-d8 (Surf)	101		70 - 130				05/03/11 12:02	1

Lab Sample ID: LCS 680-201921/6

Matrix: Water

Analysis Batch: 201921

Client Sample ID: LCS 680-201921/6

Prep Type: Total/NA

Analyte		Spike Added	LCS		Unit	D	% Rec	Limits
			Result	Qualifier				
Acetone		100	103		ug/L	103	26 - 180	
Benzene		50.0	51.8		ug/L	104	70 - 130	
Bromodichloromethane		50.0	52.9		ug/L	106	70 - 130	
Bromoform		50.0	44.4		ug/L	89	70 - 130	
Bromomethane		50.0	48.5		ug/L	97	23 - 165	
2-Butanone		100	98.6		ug/L	99	49 - 172	
Carbon disulfide		50.0	49.4		ug/L	99	54 - 132	
Carbon tetrachloride		50.0	54.0		ug/L	108	70 - 130	
Chlorobenzene		50.0	49.7		ug/L	99	70 - 130	
Chloroethane		50.0	44.8		ug/L	90	56 - 152	
Chloroform		50.0	52.7		ug/L	105	70 - 130	
Chloromethane		50.0	46.6		ug/L	93	70 - 130	
cis-1,2-Dichloroethene		50.0	53.3		ug/L	107	70 - 130	
cis-1,3-Dichloropropene		50.0	54.2		ug/L	108	70 - 130	
Dibromochloromethane		50.0	53.8		ug/L	108	70 - 130	
1,2-Dibromo-3-Chloropropane		50.0	51.8		ug/L	104	70 - 130	
1,2-Dibromoethane		50.0	52.1		ug/L	104	70 - 130	
Dibromomethane		50.0	51.1		ug/L	102	70 - 130	
Dichlorodifluoromethane		50.0	46.8		ug/L	94	44 - 146	
1,1-Dichloroethane		50.0	52.9		ug/L	106	70 - 130	
1,2-Dichloroethane		50.0	50.3		ug/L	101	70 - 130	
1,1-Dichloroethene		50.0	50.5		ug/L	101	66 - 131	
1,2-Dichloropropane		50.0	51.3		ug/L	103	70 - 130	
Diethyl ether		50.0	49.6		ug/L	99	10 - 200	
Ethylbenzene		50.0	51.5		ug/L	103	70 - 130	
2-Hexanone		100	102		ug/L	102	42 - 185	
Methylene Chloride		50.0	51.6		ug/L	103	67 - 130	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-201921/6

Matrix: Water

Analysis Batch: 201921

Client Sample ID: LCS 680-201921/6

Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	% Rec.		Limits
		Result	Qualifier			% Rec		
4-Methyl-2-pentanone (MIBK)	100	98.4		ug/L		98		70 - 130
Methyl tert-butyl ether	100	105		ug/L		105		64 - 131
Styrene	50.0	52.1		ug/L		104		70 - 130
t-Butanol	50.0	55.4		ug/L		111		20 - 195
1,1,1,2-Tetrachloroethane	50.0	53.2		ug/L		106		70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/L		100		70 - 130
Tetrachloroethene	50.0	48.5		ug/L		97		70 - 130
Toluene	50.0	52.1		ug/L		104		70 - 130
trans-1,2-Dichloroethene	50.0	53.1		ug/L		106		70 - 130
trans-1,3-Dichloropropene	50.0	55.2		ug/L		110		70 - 130
1,2,3-Trichlorobenzene	50.0	49.7		ug/L		99		70 - 130
1,1,1-Trichloroethane	50.0	52.3		ug/L		105		70 - 130
1,1,2-Trichloroethane	50.0	51.3		ug/L		103		70 - 130
Trichloroethylene	50.0	51.0		ug/L		102		70 - 130
Trichlorofluoromethane	50.0	47.2		ug/L		94		55 - 156
1,2,3-Trichloropropane	50.0	49.6		ug/L		99		70 - 130
Vinyl acetate	100	159		ug/L		159		60 - 176
Vinyl chloride	50.0	53.8		ug/L		108		67 - 134
Xylenes, Total	150	154		ug/L		103		70 - 130

Surrogate	LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: LCSD 680-201921/7

Matrix: Water

Analysis Batch: 201921

Client Sample ID: LCSD 680-201921/7

Prep Type: Total/NA

Analyte	Spike Added	LCSD		Unit	D	% Rec.		RPD	Limit
		Result	Qualifier			% Rec			
Acetone	100	89.5		ug/L		90	26 - 180	14	50
Benzene	50.0	51.6		ug/L		103	70 - 130	0	30
Bromodichloromethane	50.0	52.4		ug/L		105	70 - 130	1	30
Bromoform	50.0	44.2		ug/L		88	70 - 130	1	30
Bromomethane	50.0	48.5		ug/L		97	23 - 165	0	50
2-Butanone	100	94.8		ug/L		95	49 - 172	4	30
Carbon disulfide	50.0	46.9		ug/L		94	54 - 132	5	30
Carbon tetrachloride	50.0	53.9		ug/L		108	70 - 130	0	30
Chlorobenzene	50.0	48.4		ug/L		97	70 - 130	3	30
Chloroethane	50.0	41.6		ug/L		83	56 - 152	8	40
Chloroform	50.0	49.5		ug/L		99	70 - 130	6	30
Chloromethane	50.0	47.8		ug/L		96	70 - 130	3	30
cis-1,2-Dichloroethene	50.0	50.0		ug/L		100	70 - 130	6	30
cis-1,3-Dichloropropene	50.0	54.2		ug/L		108	70 - 130	0	30
Dibromochloromethane	50.0	53.4		ug/L		107	70 - 130	1	50
1,2-Dibromo-3-Chloropropane	50.0	51.4		ug/L		103	70 - 130	1	50
1,2-Dibromoethane	50.0	51.7		ug/L		103	70 - 130	1	30
Dibromomethane	50.0	50.0		ug/L		100	70 - 130	2	30
Dichlorodifluoromethane	50.0	49.7		ug/L		99	44 - 146	6	50

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-201921/7

Matrix: Water

Analysis Batch: 201921

Client Sample ID: LCSD 680-201921/7

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec. % Rec	Limits	RPD	RPD Limit
1,1-Dichloroethane	50.0	50.3		ug/L		101	70 - 130	5	30
1,2-Dichloroethane	50.0	49.3		ug/L		99	70 - 130	2	30
1,1-Dichloroethene	50.0	48.8		ug/L		98	66 - 131	3	30
1,2-Dichloropropane	50.0	50.4		ug/L		101	70 - 130	2	30
Diethyl ether	50.0	47.3		ug/L		95	10 - 200	5	50
Ethylbenzene	50.0	51.1		ug/L		102	70 - 130	1	30
2-Hexanone	100	102		ug/L		102	42 - 185	0	30
Methylene Chloride	50.0	47.0		ug/L		94	67 - 130	9	30
4-Methyl-2-pentanone (MIBK)	100	99.2		ug/L		99	70 - 130	1	30
Methyl tert-butyl ether	100	101		ug/L		101	64 - 131	4	30
Styrene	50.0	52.1		ug/L		104	70 - 130	0	30
t-Butanol	50.0	56.6		ug/L		113	20 - 195	2	50
1,1,1,2-Tetrachloroethane	50.0	52.7		ug/L		105	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	50.3		ug/L		101	70 - 130	1	30
Tetrachloroethene	50.0	48.7		ug/L		97	70 - 130	0	30
Toluene	50.0	51.6		ug/L		103	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	50.0		ug/L		100	70 - 130	6	30
trans-1,3-Dichloropropene	50.0	54.8		ug/L		110	70 - 130	1	50
1,2,3-Trichlorobenzene	50.0	48.9		ug/L		98	70 - 130	1	30
1,1,1-Trichloroethane	50.0	52.7		ug/L		105	70 - 130	1	30
1,1,2-Trichloroethane	50.0	50.2		ug/L		100	70 - 130	2	30
Trichloroethylene	50.0	50.6		ug/L		101	70 - 130	1	30
Trichlorofluoromethane	50.0	47.8		ug/L		96	55 - 156	1	30
1,2,3-Trichloropropane	50.0	48.7		ug/L		97	70 - 130	2	30
Vinyl acetate	100	159		ug/L		159	60 - 176	0	30
Vinyl chloride	50.0	52.0		ug/L		104	67 - 134	3	30
Xylenes, Total	150	153		ug/L		102	70 - 130	0	30

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 680-201923/12

Matrix: Water

Analysis Batch: 201923

Client Sample ID: MB 680-201923/12

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	5.0	ug/L			05/03/11 23:19	1
Acetonitrile	40	U	40	10	ug/L			05/03/11 23:19	1
Acrolein	20	U	20	7.4	ug/L			05/03/11 23:19	1
Acrylonitrile	20	U	20	7.2	ug/L			05/03/11 23:19	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/03/11 23:19	1
Benzene	1.0	U	1.0	0.25	ug/L			05/03/11 23:19	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/03/11 23:19	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/03/11 23:19	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/03/11 23:19	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/03/11 23:19	1
2-Butanone	10	U	10	1.0	ug/L			05/03/11 23:19	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-201923/12

Matrix: Water

Analysis Batch: 201923

Client Sample ID: MB 680-201923/12

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/03/11 23:19	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/03/11 23:19	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/03/11 23:19	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/03/11 23:19	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/03/11 23:19	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/03/11 23:19	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/03/11 23:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 23:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/03/11 23:19	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/03/11 23:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/03/11 23:19	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/03/11 23:19	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/03/11 23:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 23:19	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/03/11 23:19	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/03/11 23:19	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/03/11 23:19	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/03/11 23:19	1
Diethyl ether	10	U	10	1.0	ug/L			05/03/11 23:19	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/03/11 23:19	1
Ethylene oxide	200	U	200	200	ug/L			05/03/11 23:19	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/03/11 23:19	1
2-Hexanone	10	U	10	1.0	ug/L			05/03/11 23:19	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/03/11 23:19	1
Isobutyl alcohol	40	U	40	11	ug/L			05/03/11 23:19	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/03/11 23:19	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/03/11 23:19	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/03/11 23:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/03/11 23:19	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/03/11 23:19	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/03/11 23:19	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/03/11 23:19	1
Propionitrile	20	U	20	4.6	ug/L			05/03/11 23:19	1
Propylene oxide	200	U	200	200	ug/L			05/03/11 23:19	1
Styrene	1.0	U	1.0	0.11	ug/L			05/03/11 23:19	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/03/11 23:19	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/03/11 23:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/03/11 23:19	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/03/11 23:19	1
Toluene	1.0	U	1.0	0.33	ug/L			05/03/11 23:19	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/03/11 23:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/03/11 23:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/03/11 23:19	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/03/11 23:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/03/11 23:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/03/11 23:19	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/03/11 23:19	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/03/11 23:19	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/03/11 23:19	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/03/11 23:19	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-201923/12

Matrix: Water

Analysis Batch: 201923

Client Sample ID: MB 680-201923/12

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/03/11 23:19	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/03/11 23:19	1
Tentatively Identified Compound									
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	None		ug/L					05/03/11 23:19	1
Surrogate									
4-Bromofluorobenzene	97	Qualifer	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	104		70 - 130					05/03/11 23:19	1
Toluene-d8 (Surr)	101		70 - 130					05/03/11 23:19	1

Lab Sample ID: LCS 680-201923/11

Matrix: Water

Analysis Batch: 201923

Client Sample ID: LCS 680-201923/11

Prep Type: Total/NA

Analyte	Spike		LCS	LCS	Unit	D	% Rec	% Rec.	
	Added	Result	Qualifier	Unit	D	% Rec	Limits		
Acetone	100	103		ug/L		103	26 - 180		
Benzene	50.0	51.7		ug/L		103	70 - 130		
Bromodichloromethane	50.0	52.4		ug/L		105	70 - 130		
Bromform	50.0	43.7		ug/L		87	70 - 130		
Bromomethane	50.0	41.8		ug/L		84	23 - 165		
2-Butanone	100	99.4		ug/L		99	49 - 172		
Carbon disulfide	50.0	43.8		ug/L		88	54 - 132		
Carbon tetrachloride	50.0	53.4		ug/L		107	70 - 130		
Chlorobenzene	50.0	49.2		ug/L		98	70 - 130		
Chloroethane	50.0	37.2		ug/L		74	56 - 152		
Chloroform	50.0	49.4		ug/L		99	70 - 130		
Chloromethane	50.0	43.2		ug/L		86	70 - 130		
cis-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 130		
cis-1,3-Dichloropropene	50.0	54.2		ug/L		108	70 - 130		
Dibromochloromethane	50.0	53.7		ug/L		107	70 - 130		
1,2-Dibromo-3-Chloropropane	50.0	51.9		ug/L		104	70 - 130		
1,2-Dibromoethane	50.0	51.6		ug/L		103	70 - 130		
Dibromomethane	50.0	50.2		ug/L		100	70 - 130		
Dichlorodifluoromethane	50.0	42.6		ug/L		85	44 - 146		
1,1-Dichloroethane	50.0	50.0		ug/L		100	70 - 130		
1,2-Dichloroethane	50.0	49.5		ug/L		99	70 - 130		
1,1-Dichloroethene	50.0	46.1		ug/L		92	66 - 131		
1,2-Dichloropropane	50.0	50.6		ug/L		101	70 - 130		
Ethylbenzene	50.0	51.6		ug/L		103	70 - 130		
2-Hexanone	100	108		ug/L		108	42 - 185		
Methylene Chloride	50.0	45.7		ug/L		91	67 - 130		
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	70 - 130		
Methyl tert-butyl ether	100	103		ug/L		103	64 - 131		
Styrene	50.0	52.2		ug/L		104	70 - 130		
1,1,1,2-Tetrachloroethane	50.0	53.0		ug/L		106	70 - 130		
1,1,2,2-Tetrachloroethane	50.0	49.3		ug/L		99	70 - 130		
Tetrachloroethene	50.0	48.3		ug/L		97	70 - 130		
Toluene	50.0	50.7		ug/L		101	70 - 130		

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-201923/11

Matrix: Water

Analysis Batch: 201923

Client Sample ID: LCS 680-201923/11

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	Limits	
	Added	Result	Qualifier						
trans-1,2-Dichloroethene	50.0	49.6		ug/L		99	70 - 130		
trans-1,3-Dichloropropene	50.0	54.2		ug/L		108	70 - 130		
1,2,3-Trichlorobenzene	50.0	48.5		ug/L		97	70 - 130		
1,1,1-Trichloroethane	50.0	51.8		ug/L		104	70 - 130		
1,1,2-Trichloroethane	50.0	50.5		ug/L		101	70 - 130		
Trichloroethylene	50.0	50.3		ug/L		101	70 - 130		
Trichlorofluoromethane	50.0	41.7		ug/L		83	55 - 156		
1,2,3-Trichloropropane	50.0	48.9		ug/L		98	70 - 130		
Vinyl acetate	100	155		ug/L		155	60 - 176		
Vinyl chloride		50.0	48.4	ug/L		97	67 - 134		
Xylenes, Total	150	154		ug/L		103	70 - 130		
<hr/>									
Surrogate	LCS	LCS	Limits						
	% Recovery	Qualifier							
4-Bromofluorobenzene	99		70 - 130						
Dibromofluoromethane	98		70 - 130						
Toluene-d8 (Surr)	102		70 - 130						

Lab Sample ID: LCSD 680-201923/15

Matrix: Water

Analysis Batch: 201923

Client Sample ID: LCSD 680-201923/15

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	Limit
	Added	Result	Qualifier						
Acetone	100	132		ug/L		132	26 - 180	25	50
Benzene	50.0	51.1		ug/L		102	70 - 130	1	30
Bromodichloromethane	50.0	51.9		ug/L		104	70 - 130	1	30
Bromoform	50.0	44.0		ug/L		88	70 - 130	1	30
Bromomethane	50.0	43.2		ug/L		86	23 - 165	3	50
2-Butanone	100	103		ug/L		103	49 - 172	4	30
Carbon disulfide	50.0	44.5		ug/L		89	54 - 132	2	30
Carbon tetrachloride	50.0	52.0		ug/L		104	70 - 130	3	30
Chlorobenzene	50.0	49.9		ug/L		100	70 - 130	2	30
Chloroethane	50.0	45.2		ug/L		90	56 - 152	19	40
Chloroform	50.0	49.7		ug/L		99	70 - 130	1	30
Chloromethane	50.0	44.4		ug/L		89	70 - 130	3	30
cis-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	50.6		ug/L		101	70 - 130	7	30
Dibromochloromethane	50.0	55.2		ug/L		110	70 - 130	3	50
1,2-Dibromo-3-Chloropropane	50.0	49.2		ug/L		98	70 - 130	5	50
1,2-Dibromoethane	50.0	50.5		ug/L		101	70 - 130	2	30
Dibromomethane	50.0	50.5		ug/L		101	70 - 130	1	30
Dichlorodifluoromethane	50.0	38.5		ug/L		77	44 - 146	10	50
1,1-Dichloroethane	50.0	49.9		ug/L		100	70 - 130	0	30
1,2-Dichloroethane	50.0	49.2		ug/L		98	70 - 130	1	30
1,1-Dichloroethene	50.0	47.4		ug/L		95	66 - 131	3	30
1,2-Dichloropropane	50.0	51.1		ug/L		102	70 - 130	1	30
Ethylbenzene	50.0	51.7		ug/L		103	70 - 130	0	30
2-Hexanone	100	110		ug/L		110	42 - 185	1	30
Methylene Chloride	50.0	47.4		ug/L		95	67 - 130	4	30
4-Methyl-2-pentanone (MIBK)	100	97.2		ug/L		97	70 - 130	5	30

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-201923/15

Matrix: Water

Analysis Batch: 201923

Client Sample ID: LCSD 680-201923/15

Prep Type: Total/NA

Analyte	Spike Added	LCSD		Unit	D	% Rec.		RPD	RPD Limit
		Result	Qualifier			% Rec	Limits		
Methyl tert-butyl ether	100	97.2		ug/L	97	64 - 131	5	30	
Styrene	50.0	53.1		ug/L	106	70 - 130	2	30	
1,1,1,2-Tetrachloroethane	50.0	53.9		ug/L	108	70 - 130	2	30	
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L	100	70 - 130	2	30	
Tetrachloroethene	50.0	48.4		ug/L	97	70 - 130	0	30	
Toluene	50.0	51.2		ug/L	102	70 - 130	1	30	
trans-1,2-Dichloroethene	50.0	50.7		ug/L	101	70 - 130	2	30	
trans-1,3-Dichloropropene	50.0	50.3		ug/L	101	70 - 130	7	50	
1,2,3-Trichlorobenzene	50.0	46.2		ug/L	92	70 - 130	5	30	
1,1,1-Trichloroethane	50.0	51.0		ug/L	102	70 - 130	2	30	
1,1,2-Trichloroethane	50.0	50.8		ug/L	102	70 - 130	1	30	
Trichloroethylene	50.0	50.4		ug/L	101	70 - 130	0	30	
Trichlorofluoromethane	50.0	45.7		ug/L	91	55 - 156	9	30	
1,2,3-Trichloropropane	50.0	50.4		ug/L	101	70 - 130	3	30	
Vinyl acetate	100	128		ug/L	128	60 - 176	19	30	
Vinyl chloride	50.0	50.2		ug/L	100	67 - 134	4	30	
Xylenes, Total	150	155		ug/L	103	70 - 130	1	30	

LCSD LCSD

Surrogate	% Recovery	Qualifier	Limits
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 680-201948/13

Matrix: Water

Analysis Batch: 201948

Client Sample ID: MB 680-201948/13

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	25	U	25	5.0	ug/L			05/04/11 12:43	1
Acetonitrile	40	U	40	10	ug/L			05/04/11 12:43	1
Acrolein	20	U	20	7.4	ug/L			05/04/11 12:43	1
Acrylonitrile	20	U	20	7.2	ug/L			05/04/11 12:43	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/04/11 12:43	1
Benzene	1.0	U	1.0	0.25	ug/L			05/04/11 12:43	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/04/11 12:43	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/04/11 12:43	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/04/11 12:43	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/04/11 12:43	1
2-Butanone	10	U	10	1.0	ug/L			05/04/11 12:43	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/04/11 12:43	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/04/11 12:43	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/04/11 12:43	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/04/11 12:43	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/04/11 12:43	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/04/11 12:43	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/04/11 12:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 12:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/04/11 12:43	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/04/11 12:43	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-201948/13

Matrix: Water

Analysis Batch: 201948

Client Sample ID: MB 680-201948/13

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/04/11 12:43	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/04/11 12:43	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/04/11 12:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 12:43	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/04/11 12:43	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/04/11 12:43	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/04/11 12:43	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/04/11 12:43	1
Diethyl ether	10	U	10	1.0	ug/L			05/04/11 12:43	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/04/11 12:43	1
Ethylene oxide	200	U	200	200	ug/L			05/04/11 12:43	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/04/11 12:43	1
2-Hexanone	10	U	10	1.0	ug/L			05/04/11 12:43	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/04/11 12:43	1
Isobutyl alcohol	40	U	40	11	ug/L			05/04/11 12:43	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/04/11 12:43	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/04/11 12:43	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/04/11 12:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/04/11 12:43	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/04/11 12:43	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/04/11 12:43	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/04/11 12:43	1
Propionitrile	20	U	20	4.6	ug/L			05/04/11 12:43	1
Propylene oxide	200	U	200	200	ug/L			05/04/11 12:43	1
Styrene	1.0	U	1.0	0.11	ug/L			05/04/11 12:43	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/04/11 12:43	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/04/11 12:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/04/11 12:43	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/04/11 12:43	1
Toluene	1.0	U	1.0	0.33	ug/L			05/04/11 12:43	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/04/11 12:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/04/11 12:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/04/11 12:43	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/04/11 12:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/04/11 12:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/04/11 12:43	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/04/11 12:43	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/04/11 12:43	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/04/11 12:43	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/04/11 12:43	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/04/11 12:43	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/04/11 12:43	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/04/11 12:43	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		05/04/11 12:43	1
Dibromofluoromethane	104		70 - 130		05/04/11 12:43	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-201948/13

Matrix: Water

Analysis Batch: 201948

Client Sample ID: MB 680-201948/13

Prep Type: Total/NA

Surrogate	MB	MB	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier			
Toluene-d8 (Surr)	100		70 - 130		1

Lab Sample ID: LCS 680-201948/10

Matrix: Water

Analysis Batch: 201948

Client Sample ID: LCS 680-201948/10

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	Limits
Acetone	100	92.9		ug/L		93	26 - 180	
Benzene	50.0	52.4		ug/L		105	70 - 130	
Bromodichloromethane	50.0	54.1		ug/L		108	70 - 130	
Bromoform	50.0	43.5		ug/L		87	70 - 130	
Bromomethane	50.0	45.2		ug/L		90	23 - 165	
2-Butanone	100	96.1		ug/L		96	49 - 172	
Carbon disulfide	50.0	43.7		ug/L		87	54 - 132	
Carbon tetrachloride	50.0	55.0		ug/L		110	70 - 130	
Chlorobenzene	50.0	49.9		ug/L		100	70 - 130	
Chloroethane	50.0	36.5		ug/L		73	56 - 152	
Chloroform	50.0	49.7		ug/L		99	70 - 130	
Chloromethane	50.0	44.4		ug/L		89	70 - 130	
cis-1,2-Dichloroethene	50.0	49.1		ug/L		98	70 - 130	
cis-1,3-Dichloropropene	50.0	56.0		ug/L		112	70 - 130	
Dibromochloromethane	50.0	54.4		ug/L		109	70 - 130	
1,2-Dibromo-3-Chloropropane	50.0	50.2		ug/L		100	70 - 130	
1,2-Dibromoethane	50.0	52.7		ug/L		105	70 - 130	
Dibromomethane	50.0	50.4		ug/L		101	70 - 130	
Dichlorodifluoromethane	50.0	46.7		ug/L		93	44 - 146	
1,1-Dichloroethane	50.0	49.3		ug/L		99	70 - 130	
1,2-Dichloroethane	50.0	50.9		ug/L		102	70 - 130	
1,1-Dichloroethene	50.0	46.5		ug/L		93	66 - 131	
1,2-Dichloropropane	50.0	52.1		ug/L		104	70 - 130	
Diethyl ether	50.0	44.8		ug/L		90	10 - 200	
Ethylbenzene	50.0	52.0		ug/L		104	70 - 130	
2-Hexanone	100	103		ug/L		103	42 - 185	
Methylene Chloride	50.0	45.0		ug/L		90	67 - 130	
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	70 - 130	
Methyl tert-butyl ether	100	101		ug/L		101	64 - 131	
Styrene	50.0	52.9		ug/L		106	70 - 130	
t-Butanol	50.0	50.8		ug/L		102	20 - 195	
1,1,1,2-Tetrachloroethane	50.0	53.9		ug/L		108	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L		100	70 - 130	
Tetrachloroethene	50.0	48.9		ug/L		98	70 - 130	
Toluene	50.0	52.0		ug/L		104	70 - 130	
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	70 - 130	
trans-1,3-Dichloropropene	50.0	56.2		ug/L		112	70 - 130	
1,2,3-Trichlorobenzene	50.0	48.4		ug/L		97	70 - 130	
1,1,1-Trichloroethane	50.0	53.0		ug/L		106	70 - 130	
1,1,2-Trichloroethane	50.0	51.5		ug/L		103	70 - 130	
Trichloroethylene	50.0	51.6		ug/L		103	70 - 130	
Trichlorofluoromethane	50.0	40.5		ug/L		81	55 - 156	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-201948/10

Matrix: Water

Analysis Batch: 201948

Client Sample ID: LCS 680-201948/10

Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	% Rec.	
		Result	Qualifier			% Rec.	Limits
1,2,3-Trichloropropane	50.0	50.0		ug/L	100	70 - 130	
Vinyl acetate	100	154		ug/L	154	60 - 176	
Vinyl chloride	50.0	49.3		ug/L	99	67 - 134	
Xylenes, Total	150	155		ug/L	103	70 - 130	

Surrogate	LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surf)	103		70 - 130

Lab Sample ID: LCSD 680-201948/11

Matrix: Water

Analysis Batch: 201948

Client Sample ID: LCSD 680-201948/11

Prep Type: Total/NA

Analyte	Spike Added	LCSD		Unit	D	% Rec.		RPD	Limit
		Result	Qualifier			% Rec.	Limits		
Acetone	100	100		ug/L	100	26 - 180	7	50	
Benzene	50.0	53.1		ug/L	106	70 - 130	1	30	
Bromodichloromethane	50.0	54.4		ug/L	109	70 - 130	0	30	
Bromoform	50.0	45.4		ug/L	91	70 - 130	4	30	
Bromomethane	50.0	55.2		ug/L	110	23 - 165	20	50	
2-Butanone	100	96.9		ug/L	97	49 - 172	1	30	
Carbon disulfide	50.0	45.4		ug/L	91	54 - 132	4	30	
Carbon tetrachloride	50.0	55.1		ug/L	110	70 - 130	0	30	
Chlorobenzene	50.0	51.0		ug/L	102	70 - 130	2	30	
Chloroethane	50.0	40.6		ug/L	81	56 - 152	11	40	
Chloroform	50.0	50.5		ug/L	101	70 - 130	2	30	
Chloromethane	50.0	44.9		ug/L	90	70 - 130	1	30	
cis-1,2-Dichloroethene	50.0	50.0		ug/L	100	70 - 130	2	30	
cis-1,3-Dichloropropene	50.0	56.0		ug/L	112	70 - 130	0	30	
Dibromochloromethane	50.0	55.0		ug/L	110	70 - 130	1	50	
1,2-Dibromo-3-Chloropropane	50.0	55.7		ug/L	111	70 - 130	10	50	
1,2-Dibromoethane	50.0	54.1		ug/L	108	70 - 130	3	30	
Dibromomethane	50.0	51.7		ug/L	103	70 - 130	3	30	
Dichlorodifluoromethane	50.0	48.0		ug/L	96	44 - 146	3	50	
1,1-Dichloroethane	50.0	49.9		ug/L	100	70 - 130	1	30	
1,2-Dichloroethane	50.0	51.4		ug/L	103	70 - 130	1	30	
1,1-Dichloroethene	50.0	46.8		ug/L	94	66 - 131	0	30	
1,2-Dichloropropane	50.0	52.6		ug/L	105	70 - 130	1	30	
Diethyl ether	50.0	45.3		ug/L	91	10 - 200	1	50	
Ethylbenzene	50.0	52.8		ug/L	106	70 - 130	1	30	
2-Hexanone	100	109		ug/L	109	42 - 185	6	30	
Methylene Chloride	50.0	46.7		ug/L	93	67 - 130	4	30	
4-Methyl-2-pentanone (MIBK)	100	107		ug/L	107	70 - 130	5	30	
Methyl tert-butyl ether	100	102		ug/L	102	64 - 131	1	30	
Styrene	50.0	55.1		ug/L	110	70 - 130	4	30	
t-Butanol	50.0	56.5		ug/L	113	20 - 195	11	50	
1,1,1,2-Tetrachloroethane	50.0	54.5		ug/L	109	70 - 130	1	30	
1,1,2,2-Tetrachloroethane	50.0	52.7		ug/L	105	70 - 130	5	30	
Tetrachloroethene	50.0	49.9		ug/L	100	70 - 130	2	30	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-201948/11

Client Sample ID: LCSD 680-201948/11

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201948

Analyte		Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	RPD Limit
		Added	Result	Qualifier				Limits		
Toluene		50.0	52.8		ug/L		106	70 - 130	1	30
trans-1,2-Dichloroethene		50.0	49.5		ug/L		99	70 - 130	0	30
trans-1,3-Dichloropropene		50.0	56.9		ug/L		114	70 - 130	1	50
1,2,3-Trichlorobenzene		50.0	50.9		ug/L		102	70 - 130	5	30
1,1,1-Trichloroethane		50.0	53.8		ug/L		108	70 - 130	2	30
1,1,2-Trichloroethane		50.0	52.9		ug/L		106	70 - 130	3	30
Trichloroethylene		50.0	53.2		ug/L		106	70 - 130	3	30
Trichlorofluoromethane		50.0	42.3		ug/L		85	55 - 156	4	30
1,2,3-Trichloropropane		50.0	52.4		ug/L		105	70 - 130	5	30
Vinyl acetate		100	153		ug/L		153	60 - 176	1	30
Vinyl chloride		50.0	51.8		ug/L		104	67 - 134	5	30
Xylenes, Total		150	159		ug/L		106	70 - 130	2	30

LCSD

LCSD

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: 680-67794-1 MS

Client Sample ID: LF-5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201948

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				Limits	
Acetone	25	U	100	92.0		ug/L		92	26 - 180	
Benzene	1.0	U	50.0	46.7		ug/L		93	70 - 130	
Bromodichloromethane	1.0	U	50.0	46.9		ug/L		94	70 - 130	
Bromoform	1.0	U	50.0	39.3		ug/L		79	70 - 130	
Bromomethane	1.0	U	50.0	46.9		ug/L		94	23 - 165	
2-Butanone	10	U	100	86.1		ug/L		86	49 - 172	
Carbon disulfide	2.0	U	50.0	44.4		ug/L		89	54 - 132	
Carbon tetrachloride	1.0	U	50.0	51.3		ug/L		103	70 - 130	
Chlorobenzene	1.0	U	50.0	44.7		ug/L		89	70 - 130	
Chloroethane	1.0	U	50.0	46.0		ug/L		92	56 - 152	
Chloroform	1.0	U	50.0	46.9		ug/L		94	70 - 130	
Chloromethane	1.0	U	50.0	45.3		ug/L		91	70 - 130	
cis-1,2-Dichloroethene	1.0	U	50.0	47.1		ug/L		94	70 - 130	
cis-1,3-Dichloropropene	1.0	U	50.0	47.1		ug/L		94	70 - 130	
Dibromochloromethane	1.0	U	50.0	48.0		ug/L		96	70 - 130	
1,2-Dibromo-3-Chloropropane	1.0	U	50.0	44.9		ug/L		90	70 - 130	
1,2-Dibromoethane	1.0	U	50.0	44.4		ug/L		89	70 - 130	
Dibromomethane	1.0	U	50.0	43.9		ug/L		88	70 - 130	
Dichlorodifluoromethane	1.0	U	50.0	45.6		ug/L		91	44 - 146	
1,1-Dichloroethane	0.30	J	50.0	47.9		ug/L		95	70 - 130	
1,2-Dichloroethane	1.0	U	50.0	43.9		ug/L		88	70 - 130	
1,1-Dichloroethene	0.12	J	50.0	47.7		ug/L		95	66 - 131	
1,2-Dichloropropane	1.0	U	50.0	45.8		ug/L		92	70 - 130	
Ethylbenzene	1.0	U	50.0	47.9		ug/L		96	70 - 130	
2-Hexanone	10	U	100	91.5		ug/L		92	42 - 185	
Methylene Chloride	5.0	U	50.0	44.1		ug/L		88	67 - 130	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 201948

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	Limits	
	Result	Qualifier	Added	Result	Qualifier				88		
4-Methyl-2-pentanone (MIBK)	10	U	100	88.3		ug/L			70 - 130		
Methyl tert-butyl ether	10	U	100	90.1		ug/L			90	64 - 131	
Styrene	1.0	U	50.0	47.9		ug/L			96	70 - 130	
1,1,1,2-Tetrachloroethane	1.0	U	50.0	48.1		ug/L			96	70 - 130	
1,1,2,2-Tetrachloroethane	1.0	U	50.0	45.2		ug/L			90	70 - 130	
Tetrachloroethene	1.0	U	50.0	45.1		ug/L			90	70 - 130	
Toluene	1.0	U	50.0	46.5		ug/L			93	70 - 130	
trans-1,2-Dichloroethene	1.0	U	50.0	48.1		ug/L			96	70 - 130	
trans-1,3-Dichloropropene	1.0	U	50.0	48.0		ug/L			96	70 - 130	
1,2,3-Trichlorobenzene	1.0	U	50.0	42.8		ug/L			86	70 - 130	
1,1,1-Trichloroethane	1.0	U	50.0	49.0		ug/L			98	70 - 130	
1,1,2-Trichloroethane	1.0	U	50.0	44.1		ug/L			88	70 - 130	
Trichloroethylene	1.0	U	50.0	46.5		ug/L			93	70 - 130	
Trichlorofluoromethane	1.0	U	50.0	46.3		ug/L			93	55 - 156	
1,2,3-Trichloropropane	1.0	U	50.0	44.2		ug/L			88	70 - 130	
Vinyl acetate	2.0	U	100	103		ug/L			103	60 - 176	
Vinyl chloride	1.0	U	50.0	48.8		ug/L			98	67 - 134	
Xylenes, Total	2.0	U	150	143		ug/L			95	70 - 130	
MS MS											
Surrogate	MS	MS									
	Surrogate	% Recovery	Qualifier		Limits						
4-Bromofluorobenzene	90				70 - 130						
Dibromofluoromethane	91				70 - 130						
Toluene-d8 (Surf)	94				70 - 130						

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 201948

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				91		
Acetone	25	U	100	91.1		ug/L			26 - 180	1	50
Benzene	1.0	U	50.0	50.9		ug/L			102	70 - 130	9
Bromodichloromethane	1.0	U	50.0	51.2		ug/L			102	70 - 130	9
Bromoform	1.0	U	50.0	42.9		ug/L			86	70 - 130	9
Bromomethane	1.0	U	50.0	65.7		ug/L			131	23 - 165	33
2-Butanone	10	U	100	95.5		ug/L			96	49 - 172	10
Carbon disulfide	2.0	U	50.0	48.9		ug/L			98	54 - 132	10
Carbon tetrachloride	1.0	U	50.0	55.9		ug/L			112	70 - 130	9
Chlorobenzene	1.0	U	50.0	49.4		ug/L			99	70 - 130	10
Chloroethane	1.0	U	50.0	49.4		ug/L			99	56 - 152	7
Chloroform	1.0	U	50.0	51.2		ug/L			102	70 - 130	9
Chloromethane	1.0	U	50.0	48.7		ug/L			97	70 - 130	7
cis-1,2-Dichloroethene	1.0	U	50.0	52.2		ug/L			104	70 - 130	10
cis-1,3-Dichloropropene	1.0	U	50.0	52.2		ug/L			104	70 - 130	10
Dibromochloromethane	1.0	U	50.0	52.2		ug/L			104	70 - 130	8
1,2-Dibromo-3-Chloropropane	1.0	U	50.0	48.7		ug/L			97	70 - 130	8
1,2-Dibromoethane	1.0	U	50.0	49.1		ug/L			98	70 - 130	10
Dibromomethane	1.0	U	50.0	47.3		ug/L			95	70 - 130	7
Dichlorodifluoromethane	1.0	U	50.0	50.4		ug/L			101	44 - 146	10
1,1-Dichloroethane	0.30	J	50.0	52.2		ug/L			104	70 - 130	8

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 201948

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec.	% Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,2-Dichloroethane	1.0	U	50.0	47.1		ug/L		94	70 - 130	7	30
1,1-Dichloroethene	0.12	J	50.0	52.0		ug/L		104	66 - 131	9	30
1,2-Dichloropropane	1.0	U	50.0	49.5		ug/L		99	70 - 130	8	30
Ethylbenzene	1.0	U	50.0	52.1		ug/L		104	70 - 130	8	30
2-Hexanone	10	U	100	99.2		ug/L		99	42 - 185	8	30
Methylene Chloride	5.0	U	50.0	48.7		ug/L		97	67 - 130	10	30
4-Methyl-2-pentanone (MIBK)	10	U	100	94.8		ug/L		95	70 - 130	7	30
Methyl tert-butyl ether	10	U	100	99.1		ug/L		99	64 - 131	10	30
Styrene	1.0	U	50.0	52.9		ug/L		106	70 - 130	10	30
1,1,1,2-Tetrachloroethane	1.0	U	50.0	52.9		ug/L		106	70 - 130	10	30
1,1,2,2-Tetrachloroethane	1.0	U	50.0	49.3		ug/L		99	70 - 130	8	30
Tetrachloroethene	1.0	U	50.0	49.0		ug/L		98	70 - 130	8	30
Toluene	1.0	U	50.0	50.4		ug/L		101	70 - 130	8	30
trans-1,2-Dichloroethene	1.0	U	50.0	52.7		ug/L		105	70 - 130	9	30
trans-1,3-Dichloropropene	1.0	U	50.0	52.7		ug/L		105	70 - 130	9	50
1,2,3-Trichlorobenzene	1.0	U	50.0	47.8		ug/L		96	70 - 130	11	30
1,1,1-Trichloroethane	1.0	U	50.0	53.6		ug/L		107	70 - 130	9	30
1,1,2-Trichloroethane	1.0	U	50.0	47.5		ug/L		95	70 - 130	7	30
Trichloroethylene	1.0	U	50.0	50.4		ug/L		101	70 - 130	8	30
Trichlorofluoromethane	1.0	U	50.0	49.6		ug/L		99	55 - 156	7	30
1,2,3-Trichloropropane	1.0	U	50.0	47.9		ug/L		96	70 - 130	8	30
Vinyl acetate	2.0	U	100	114		ug/L		114	60 - 176	10	30
Vinyl chloride	1.0	U	50.0	55.0		ug/L		110	67 - 134	12	30
Xylenes, Total	2.0	U	150	157		ug/L		105	70 - 130	10	30
Surrogate		MSD	MSD								
		% Recovery	Qualifier	Limits							
4-Bromofluorobenzene		98		70 - 130							
Dibromofluoromethane		101		70 - 130							
Toluene-d8 (Surr)		101		70 - 130							

Lab Sample ID: MB 680-202067/11

Matrix: Water

Analysis Batch: 202067

Client Sample ID: MB 680-202067/11

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	25	U	25	5.0	ug/L			05/05/11 12:59	1
Acetonitrile	40	U	40	10	ug/L			05/05/11 12:59	1
Acrolein	20	U	20	7.4	ug/L			05/05/11 12:59	1
Acrylonitrile	20	U	20	7.2	ug/L			05/05/11 12:59	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/05/11 12:59	1
Benzene	1.0	U	1.0	0.25	ug/L			05/05/11 12:59	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/05/11 12:59	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/05/11 12:59	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/05/11 12:59	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/05/11 12:59	1
2-Butanone	10	U	10	1.0	ug/L			05/05/11 12:59	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/05/11 12:59	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/05/11 12:59	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/05/11 12:59	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-202067/11

Matrix: Water

Analysis Batch: 202067

Client Sample ID: MB 680-202067/11

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	1.0	ug/L		05/05/11 12:59		1
Chloroform	1.0	U	1.0	0.14	ug/L		05/05/11 12:59		1
Chloromethane	1.0	U	1.0	0.33	ug/L		05/05/11 12:59		1
Chloroprene	1.0	U	1.0	0.30	ug/L		05/05/11 12:59		1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L		05/05/11 12:59		1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L		05/05/11 12:59		1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L		05/05/11 12:59		1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L		05/05/11 12:59		1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L		05/05/11 12:59		1
Dibromomethane	1.0	U	1.0	0.20	ug/L		05/05/11 12:59		1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L		05/05/11 12:59		1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L		05/05/11 12:59		1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L		05/05/11 12:59		1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L		05/05/11 12:59		1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L		05/05/11 12:59		1
Diethyl ether	10	U	10	1.0	ug/L		05/05/11 12:59		1
Ethylbenzene	1.0	U	1.0	0.11	ug/L		05/05/11 12:59		1
Ethylene oxide	200	U	200	200	ug/L		05/05/11 12:59		1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L		05/05/11 12:59		1
2-Hexanone	10	U	10	1.0	ug/L		05/05/11 12:59		1
Iodomethane	5.0	U	5.0	1.0	ug/L		05/05/11 12:59		1
Isobutyl alcohol	40	U	40	11	ug/L		05/05/11 12:59		1
Methacrylonitrile	20	U	20	3.3	ug/L		05/05/11 12:59		1
Methylene Chloride	5.0	U	5.0	1.0	ug/L		05/05/11 12:59		1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L		05/05/11 12:59		1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L		05/05/11 12:59		1
Methyl tert-butyl ether	10	U	10	0.20	ug/L		05/05/11 12:59		1
n-Heptane	1.0	U	1.0	0.42	ug/L		05/05/11 12:59		1
Pentachloroethane	5.0	U	5.0	1.2	ug/L		05/05/11 12:59		1
Propionitrile	20	U	20	4.6	ug/L		05/05/11 12:59		1
Propylene oxide	200	U	200	200	ug/L		05/05/11 12:59		1
Styrene	1.0	U	1.0	0.11	ug/L		05/05/11 12:59		1
t-Butanol	5.0	U	5.0	2.6	ug/L		05/05/11 12:59		1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L		05/05/11 12:59		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L		05/05/11 12:59		1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L		05/05/11 12:59		1
Toluene	1.0	U	1.0	0.33	ug/L		05/05/11 12:59		1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L		05/05/11 12:59		1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L		05/05/11 12:59		1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L		05/05/11 12:59		1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L		05/05/11 12:59		1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L		05/05/11 12:59		1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L		05/05/11 12:59		1
Trichloroethylene	1.0	U	1.0	0.13	ug/L		05/05/11 12:59		1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L		05/05/11 12:59		1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L		05/05/11 12:59		1
Vinyl acetate	2.0	U	2.0	0.28	ug/L		05/05/11 12:59		1
Vinyl chloride	1.0	U	1.0	0.18	ug/L		05/05/11 12:59		1
Xylenes, Total	2.0	U	2.0	0.20	ug/L		05/05/11 12:59		1

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-202067/11

Matrix: Water

Analysis Batch: 202067

Client Sample ID: MB 680-202067/11

Prep Type: Total/NA

Tentatively Identified Compound	MB	MB	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
	None	ug/L									
Surrogate	MB	MB							Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier			Limits						
4-Bromofluorobenzene	95				70 - 130					05/05/11 12:59	1
Dibromofluoromethane	103				70 - 130					05/05/11 12:59	1
Toluene-d8 (Surrogate)	102				70 - 130					05/05/11 12:59	1

Lab Sample ID: LCS 680-202067/8

Matrix: Water

Analysis Batch: 202067

Client Sample ID: LCS 680-202067/8

Prep Type: Total/NA

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
	Added							Limits	
Acetone	100		113		ug/L		113	26 - 180	
Benzene	50.0		51.8		ug/L		104	70 - 130	
Bromodichloromethane	50.0		53.2		ug/L		106	70 - 130	
Bromoform	50.0		43.8		ug/L		88	70 - 130	
Bromomethane	50.0		48.2		ug/L		96	23 - 165	
2-Butanone	100		96.3		ug/L		96	49 - 172	
Carbon disulfide	50.0		47.2		ug/L		94	54 - 132	
Carbon tetrachloride	50.0		54.6		ug/L		109	70 - 130	
Chlorobenzene	50.0		48.8		ug/L		98	70 - 130	
Chloroethane	50.0		54.8		ug/L		110	56 - 152	
Chloroform	50.0		50.5		ug/L		101	70 - 130	
Chloromethane	50.0		43.3		ug/L		87	70 - 130	
cis-1,2-Dichloroethene	50.0		49.0		ug/L		98	70 - 130	
cis-1,3-Dichloropropene	50.0		55.3		ug/L		111	70 - 130	
Dibromochloromethane	50.0		53.7		ug/L		107	70 - 130	
1,2-Dibromo-3-Chloropropane	50.0		49.2		ug/L		98	70 - 130	
1,2-Dibromoethane	50.0		52.9		ug/L		106	70 - 130	
Dibromomethane	50.0		50.8		ug/L		102	70 - 130	
Dichlorodifluoromethane	50.0		44.0		ug/L		88	44 - 146	
1,1-Dichloroethane	50.0		50.1		ug/L		100	70 - 130	
1,2-Dichloroethane	50.0		49.8		ug/L		100	70 - 130	
1,1-Dichloroethene	50.0		48.5		ug/L		97	66 - 131	
1,2-Dichloropropane	50.0		52.0		ug/L		104	70 - 130	
Diethyl ether	50.0		47.9		ug/L		96	10 - 200	
Ethylbenzene	50.0		51.6		ug/L		103	70 - 130	
2-Hexanone	100		111		ug/L		111	42 - 185	
Methylene Chloride	50.0		48.2		ug/L		96	67 - 130	
4-Methyl-2-pentanone (MIBK)	100		99.0		ug/L		99	70 - 130	
Methyl tert-butyl ether	100		98.2		ug/L		98	64 - 131	
Styrene	50.0		52.6		ug/L		105	70 - 130	
t-Butanol	50.0		47.8		ug/L		96	20 - 195	
1,1,1,2-Tetrachloroethane	50.0		52.4		ug/L		105	70 - 130	
1,1,2,2-Tetrachloroethane	50.0		51.0		ug/L		102	70 - 130	
Tetrachloroethene	50.0		47.6		ug/L		95	70 - 130	
Toluene	50.0		52.1		ug/L		104	70 - 130	
trans-1,2-Dichloroethene	50.0		49.3		ug/L		99	70 - 130	
trans-1,3-Dichloropropene	50.0		56.5		ug/L		113	70 - 130	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-202067/8

Matrix: Water

Analysis Batch: 202067

Client Sample ID: LCS 680-202067/8

Prep Type: Total/NA

Analyte	Spike Added	LCS			Unit	D	% Rec.		Limits
		Result	Qualifier	% Rec					
1,2,3-Trichlorobenzene	50.0	47.5		95	ug/L				70 - 130
1,1,1-Trichloroethane	50.0	53.3		107	ug/L				70 - 130
1,1,2-Trichloroethane	50.0	51.5		103	ug/L				70 - 130
Trichloroethylene	50.0	51.2		102	ug/L				70 - 130
Trichlorofluoromethane	50.0	46.5		93	ug/L				55 - 156
1,2,3-Trichloropropane	50.0	49.4		99	ug/L				70 - 130
Vinyl acetate	100	153		153	ug/L				60 - 176
Vinyl chloride	50.0	50.0		100	ug/L				67 - 134
Xylenes, Total	150	154		103	ug/L				70 - 130

Surrogate	LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: LCSD 680-202067/9

Matrix: Water

Analysis Batch: 202067

Client Sample ID: LCSD 680-202067/9

Prep Type: Total/NA

Analyte	Spike Added	LCSD			Unit	D	% Rec.		RPD	Limit
		Result	Qualifier	% Rec						
Acetone	100	111		111	ug/L				2	50
Benzene	50.0	52.2		104	ug/L				1	30
Bromodichloromethane	50.0	53.0		106	ug/L				0	30
Bromoform	50.0	44.5		89	ug/L				2	30
Bromomethane	50.0	64.2		128	ug/L				29	50
2-Butanone	100	95.4		95	ug/L				1	30
Carbon disulfide	50.0	47.3		95	ug/L				0	30
Carbon tetrachloride	50.0	55.6		111	ug/L				2	30
Chlorobenzene	50.0	49.6		99	ug/L				2	30
Chloroethane	50.0	58.6		117	ug/L				7	40
Chloroform	50.0	51.1		102	ug/L				1	30
Chloromethane	50.0	45.6		91	ug/L				5	30
cis-1,2-Dichloroethene	50.0	51.3		103	ug/L				5	30
cis-1,3-Dichloropropene	50.0	55.9		112	ug/L				1	30
Dibromochloromethane	50.0	54.8		110	ug/L				2	50
1,2-Dibromo-3-Chloropropane	50.0	50.1		100	ug/L				2	50
1,2-Dibromoethane	50.0	52.1		104	ug/L				2	30
Dibromomethane	50.0	49.6		99	ug/L				2	30
Dichlorodifluoromethane	50.0	44.4		89	ug/L				1	50
1,1-Dichloroethane	50.0	51.4		103	ug/L				3	30
1,2-Dichloroethane	50.0	50.1		100	ug/L				1	30
1,1-Dichloroethene	50.0	49.5		99	ug/L				2	30
1,2-Dichloropropane	50.0	51.2		102	ug/L				2	30
Diethyl ether	50.0	47.9		96	ug/L				0	50
Ethylbenzene	50.0	52.6		105	ug/L				2	30
2-Hexanone	100	115		115	ug/L				3	30
Methylene Chloride	50.0	48.1		96	ug/L				0	30
4-Methyl-2-pentanone (MIBK)	100	97.9		98	ug/L				1	30
Methyl tert-butyl ether	100	99.3		99	ug/L				1	30

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-202067/9

Client Sample ID: LCSD 680-202067/9

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202067

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	RPD Limit
	Added	Result	Qualifier				Limits		
Styrene	50.0	53.9		ug/L	108	70 - 130	3	30	
t-Butanol	50.0	47.7		ug/L	95	20 - 195	0	50	
1,1,1,2-Tetrachloroethane	50.0	53.5		ug/L	107	70 - 130	2	30	
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/L	102	70 - 130	0	30	
Tetrachloroethylene	50.0	48.8		ug/L	98	70 - 130	2	30	
Toluene	50.0	52.3		ug/L	105	70 - 130	0	30	
trans-1,2-Dichloroethylene	50.0	51.0		ug/L	102	70 - 130	3	30	
trans-1,3-Dichloropropene	50.0	55.2		ug/L	110	70 - 130	2	50	
1,2,3-Trichlorobenzene	50.0	49.0		ug/L	98	70 - 130	3	30	
1,1,1-Trichloroethylene	50.0	53.9		ug/L	108	70 - 130	1	30	
1,1,2-Trichloroethylene	50.0	51.0		ug/L	102	70 - 130	1	30	
Trichloroethylene	50.0	51.4		ug/L	103	70 - 130	0	30	
Trichlorofluoromethane	50.0	47.8		ug/L	96	55 - 156	3	30	
1,2,3-Trichloropropane	50.0	49.1		ug/L	98	70 - 130	1	30	
Vinyl acetate	100	155		ug/L	155	60 - 176	1	30	
Vinyl chloride	50.0	51.4		ug/L	103	67 - 134	3	30	
Xylenes, Total	150	156		ug/L	104	70 - 130	2	30	

LCSD

LCSD

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: MB 680-202151/7

Client Sample ID: MB 680-202151/7

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202151

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	25	U	25	5.0	ug/L			05/05/11 22:03	1
Acetonitrile	40	U	40	10	ug/L			05/05/11 22:03	1
Acrolein	20	U	20	7.4	ug/L			05/05/11 22:03	1
Acrylonitrile	20	U	20	7.2	ug/L			05/05/11 22:03	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/05/11 22:03	1
Benzene	1.0	U	1.0	0.25	ug/L			05/05/11 22:03	1
Benzyl chloride	1.0	U	1.0	1.0	ug/L			05/05/11 22:03	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/05/11 22:03	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/05/11 22:03	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/05/11 22:03	1
2-Butanone	10	U	10	1.0	ug/L			05/05/11 22:03	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/05/11 22:03	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/05/11 22:03	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/05/11 22:03	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/05/11 22:03	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/05/11 22:03	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/05/11 22:03	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/05/11 22:03	1
cis-1,2-Dichloroethylene	1.0	U	1.0	0.15	ug/L			05/05/11 22:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/05/11 22:03	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/05/11 22:03	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-202151/7

Matrix: Water

Analysis Batch: 202151

Client Sample ID: MB 680-202151/7

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/05/11 22:03	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/05/11 22:03	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/05/11 22:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 22:03	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/05/11 22:03	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/05/11 22:03	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/05/11 22:03	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/05/11 22:03	1
Diethyl ether	10	U	10	1.0	ug/L			05/05/11 22:03	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/05/11 22:03	1
Ethylene oxide	200	U	200	200	ug/L			05/05/11 22:03	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/05/11 22:03	1
2-Hexanone	10	U	10	1.0	ug/L			05/05/11 22:03	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/05/11 22:03	1
Isobutyl alcohol	40	U	40	11	ug/L			05/05/11 22:03	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/05/11 22:03	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/05/11 22:03	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/05/11 22:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/05/11 22:03	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/05/11 22:03	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/05/11 22:03	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/05/11 22:03	1
Propionitrile	20	U	20	4.6	ug/L			05/05/11 22:03	1
Propylene oxide	200	U	200	200	ug/L			05/05/11 22:03	1
Styrene	1.0	U	1.0	0.11	ug/L			05/05/11 22:03	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/05/11 22:03	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/05/11 22:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/05/11 22:03	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/05/11 22:03	1
Toluene	1.0	U	1.0	0.33	ug/L			05/05/11 22:03	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/05/11 22:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/05/11 22:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/05/11 22:03	1
1,2,3-Trichlorobenzene	0.408	J	1.0	0.35	ug/L			05/05/11 22:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/05/11 22:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/05/11 22:03	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/05/11 22:03	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/05/11 22:03	1
1,2,3-Trichloropropane	1.0	U	1.0	0.41	ug/L			05/05/11 22:03	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/05/11 22:03	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/05/11 22:03	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/05/11 22:03	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.293	J N T	ug/L		10.00	120-82-1		05/05/11 22:03	1
Tentatively Identified Compound		None	ug/L					05/05/11 22:03	1
Surrogate	% Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130					05/05/11 22:03	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-202151/7

Matrix: Water

Analysis Batch: 202151

Client Sample ID: MB 680-202151/7

Prep Type: Total/NA

Surrogate	MB	MB	% Recovery	Qualifier	Limits
Dibromofluoromethane			101		70 - 130
Toluene-d8 (Surrogate)			100		70 - 130

Prepared	Analyzed	Dil Fac
	05/05/11 22:03	1
	05/05/11 22:03	1

Lab Sample ID: LCS 680-202151/6

Matrix: Water

Analysis Batch: 202151

Client Sample ID: LCS 680-202151/6

Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	% Rec	% Rec.	Limits
		Result	Qualifier					
Acetone	100	98.1		ug/L		98	26 - 180	
Benzene	50.0	50.3		ug/L		101	70 - 130	
Bromodichloromethane	50.0	52.2		ug/L		104	70 - 130	
Bromoform	50.0	42.9		ug/L		86	70 - 130	
Bromomethane	50.0	43.2		ug/L		86	23 - 165	
2-Butanone	100	88.3		ug/L		88	49 - 172	
Carbon disulfide	50.0	43.6		ug/L		87	54 - 132	
Carbon tetrachloride	50.0	51.8		ug/L		104	70 - 130	
Chlorobenzene	50.0	46.9		ug/L		94	70 - 130	
Chloroethane	50.0	38.7		ug/L		77	56 - 152	
Chloroform	50.0	47.5		ug/L		95	70 - 130	
Chloromethane	50.0	44.0		ug/L		88	70 - 130	
cis-1,2-Dichloroethene	50.0	47.9		ug/L		96	70 - 130	
cis-1,3-Dichloropropene	50.0	52.9		ug/L		106	70 - 130	
Dibromochloromethane	50.0	52.6		ug/L		105	70 - 130	
1,2-Dibromo-3-Chloropropane	50.0	50.3		ug/L		101	70 - 130	
1,2-Dibromoethane	50.0	49.8		ug/L		100	70 - 130	
Dibromomethane	50.0	48.7		ug/L		97	70 - 130	
Dichlorodifluoromethane	50.0	45.2		ug/L		90	44 - 146	
1,1-Dichloroethane	50.0	48.6		ug/L		97	70 - 130	
1,2-Dichloroethane	50.0	47.8		ug/L		96	70 - 130	
1,1-Dichloroethene	50.0	45.4		ug/L		91	66 - 131	
1,2-Dichloropropane	50.0	49.1		ug/L		98	70 - 130	
Diethyl ether	50.0	42.8		ug/L		86	10 - 200	
Ethylbenzene	50.0	49.0		ug/L		98	70 - 130	
2-Hexanone	100	102		ug/L		102	42 - 185	
Methylene Chloride	50.0	45.8		ug/L		92	67 - 130	
4-Methyl-2-pentanone (MIBK)	100	97.2		ug/L		97	70 - 130	
Methyl tert-butyl ether	100	97.7		ug/L		98	64 - 131	
Styrene	50.0	49.9		ug/L		100	70 - 130	
t-Butanol	50.0	54.5		ug/L		109	20 - 195	
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/L		102	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L		98	70 - 130	
Tetrachloroethene	50.0	45.9		ug/L		92	70 - 130	
Toluene	50.0	49.7		ug/L		99	70 - 130	
trans-1,2-Dichloroethene	50.0	47.8		ug/L		96	70 - 130	
trans-1,3-Dichloropropene	50.0	53.9		ug/L		108	70 - 130	
1,2,3-Trichlorobenzene	50.0	46.0		ug/L		92	70 - 130	
1,1,1-Trichloroethane	50.0	50.8		ug/L		102	70 - 130	
1,1,2-Trichloroethane	50.0	49.9		ug/L		100	70 - 130	
Trichloroethylene	50.0	48.5		ug/L		97	70 - 130	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-202151/6

Matrix: Water

Analysis Batch: 202151

Client Sample ID: LCS 680-202151/6

Prep Type: Total/NA

Analyte	Spike Added	LCS			Unit	D	% Rec.		Limits
		Result	Qualifier	LCS			% Rec		
Trichlorofluoromethane	50.0	41.8		ug/L		84	55 - 156		
1,2,3-Trichloropropane	50.0	47.7		ug/L		95	70 - 130		
Vinyl acetate	100	151		ug/L		151	60 - 176		
Vinyl chloride	50.0	48.8		ug/L		98	67 - 134		
Xylenes, Total	150	145		ug/L		97	70 - 130		
Surrogate		LCS	LCS						
		% Recovery	Qualifier	Limits					
4-Bromofluorobenzene	95			70 - 130					
Dibromofluoromethane	96			70 - 130					
Toluene-d8 (Surf)	98			70 - 130					

Lab Sample ID: LCSD 680-202151/8

Matrix: Water

Analysis Batch: 202151

Client Sample ID: LCSD 680-202151/8

Prep Type: Total/NA

Analyte	Spike Added	LCSD			Unit	D	% Rec.		RPD	Limit
		Result	Qualifier	LCSD			% Rec			
Acetone	100	102		ug/L		102	26 - 180	4	50	
Benzene	50.0	51.8		ug/L		104	70 - 130	3	30	
Bromodichloromethane	50.0	51.7		ug/L		103	70 - 130	1	30	
Bromoform	50.0	43.3		ug/L		87	70 - 130	1	30	
Bromomethane	50.0	39.4		ug/L		79	23 - 165	9	50	
2-Butanone	100	85.9		ug/L		86	49 - 172	3	30	
Carbon disulfide	50.0	45.1		ug/L		90	54 - 132	3	30	
Carbon tetrachloride	50.0	53.8		ug/L		108	70 - 130	4	30	
Chlorobenzene	50.0	48.4		ug/L		97	70 - 130	3	30	
Chloroethane	50.0	44.0		ug/L		88	56 - 152	13	40	
Chloroform	50.0	48.9		ug/L		98	70 - 130	3	30	
Chloromethane	50.0	44.1		ug/L		88	70 - 130	0	30	
cis-1,2-Dichloroethene	50.0	48.8		ug/L		98	70 - 130	2	30	
cis-1,3-Dichloropropene	50.0	51.2		ug/L		102	70 - 130	3	30	
Dibromochloromethane	50.0	54.2		ug/L		108	70 - 130	3	50	
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/L		98	70 - 130	2	50	
1,2-Dibromoethane	50.0	49.8		ug/L		100	70 - 130	0	30	
Dibromomethane	50.0	49.7		ug/L		99	70 - 130	2	30	
Dichlorodifluoromethane	50.0	43.3		ug/L		87	44 - 146	4	50	
1,1-Dichloroethane	50.0	49.2		ug/L		98	70 - 130	1	30	
1,2-Dichloroethane	50.0	49.0		ug/L		98	70 - 130	2	30	
1,1-Dichloroethene	50.0	47.5		ug/L		95	66 - 131	5	30	
1,2-Dichloropropane	50.0	50.6		ug/L		101	70 - 130	3	30	
Diethyl ether	50.0	49.3		ug/L		99	10 - 200	14	50	
Ethylbenzene	50.0	50.8		ug/L		102	70 - 130	4	30	
2-Hexanone	100	98.2		ug/L		98	42 - 185	3	30	
Methylene Chloride	50.0	46.9		ug/L		94	67 - 130	2	30	
4-Methyl-2-pentanone (MIBK)	100	93.4		ug/L		93	70 - 130	4	30	
Methyl tert-butyl ether	100	93.4		ug/L		93	64 - 131	4	30	
Styrene	50.0	51.7		ug/L		103	70 - 130	4	30	
t-Butanol	50.0	46.0		ug/L		92	20 - 195	17	50	
1,1,1,2-Tetrachloroethane	50.0	52.6		ug/L		105	70 - 130	3	30	
1,1,2,2-Tetrachloroethane	50.0	48.6		ug/L		97	70 - 130	0	30	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-202151/8

Matrix: Water

Analysis Batch: 202151

Client Sample ID: LCSD 680-202151/8

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec.	% Rec. Limits	RPD	RPD Limit
	Added	Result	Qualifier						
Tetrachloroethene	50.0	47.0		ug/L	94	70 - 130	2	30	
Toluene	50.0	51.4		ug/L	103	70 - 130	3	30	
trans-1,2-Dichloroethene	50.0	49.2		ug/L	98	70 - 130	3	30	
trans-1,3-Dichloropropene	50.0	52.3		ug/L	105	70 - 130	3	50	
1,2,3-Trichlorobenzene	50.0	44.7		ug/L	89	70 - 130	3	30	
1,1,1-Trichloroethane	50.0	52.1		ug/L	104	70 - 130	3	30	
1,1,2-Trichloroethane	50.0	50.0		ug/L	100	70 - 130	0	30	
Trichloroethylene	50.0	49.8		ug/L	100	70 - 130	3	30	
Trichlorofluoromethane	50.0	47.0		ug/L	94	55 - 156	12	30	
1,2,3-Trichloropropane	50.0	47.5		ug/L	95	70 - 130	0	30	
Vinyl acetate	100	135		ug/L	135	60 - 176	11	30	
Vinyl chloride	50.0	51.1		ug/L	102	67 - 134	5	30	
Xylenes, Total	150	151		ug/L	101	70 - 130	4	30	

LCSD

LCSD

Surrogate % Recovery Qualifier

Limits

4-Bromofluorobenzene	98	70 - 130
Dibromofluoromethane	96	70 - 130
Toluene-d8 (Surr)	101	70 - 130

Lab Sample ID: MB 680-203845/15

Matrix: Water

Analysis Batch: 203845

Client Sample ID: MB 680-203845/15

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	25	U	25	5.0	ug/L			05/23/11 22:32	1
Acetonitrile	40	U	40	10	ug/L			05/23/11 22:32	1
Acrolein	20	U	20	7.4	ug/L			05/23/11 22:32	1
Acrylonitrile	20	U	20	7.2	ug/L			05/23/11 22:32	1
Allyl chloride	1.0	U	1.0	0.20	ug/L			05/23/11 22:32	1
Benzene	1.0	U	1.0	0.25	ug/L			05/23/11 22:32	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			05/23/11 22:32	1
Bromoform	1.0	U	1.0	0.50	ug/L			05/23/11 22:32	1
Bromomethane	1.0	U	1.0	0.80	ug/L			05/23/11 22:32	1
2-Butanone	10	U	10	1.0	ug/L			05/23/11 22:32	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			05/23/11 22:32	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			05/23/11 22:32	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			05/23/11 22:32	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/23/11 22:32	1
Chloroform	1.0	U	1.0	0.14	ug/L			05/23/11 22:32	1
Chloromethane	1.0	U	1.0	0.33	ug/L			05/23/11 22:32	1
Chloroprene	1.0	U	1.0	0.30	ug/L			05/23/11 22:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			05/23/11 22:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			05/23/11 22:32	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			05/23/11 22:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			05/23/11 22:32	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			05/23/11 22:32	1
Dibromomethane	1.0	U	1.0	0.20	ug/L			05/23/11 22:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			05/23/11 22:32	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			05/23/11 22:32	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-203845/15

Client Sample ID: MB 680-203845/15

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 203845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			05/23/11 22:32	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			05/23/11 22:32	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			05/23/11 22:32	1
Diethyl ether	10	U	10	1.0	ug/L			05/23/11 22:32	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			05/23/11 22:32	1
Ethyl methacrylate	1.0	U	1.0	0.25	ug/L			05/23/11 22:32	1
2-Hexanone	10	U	10	1.0	ug/L			05/23/11 22:32	1
Iodomethane	5.0	U	5.0	1.0	ug/L			05/23/11 22:32	1
Isobutyl alcohol	40	U	40	11	ug/L			05/23/11 22:32	1
Methacrylonitrile	20	U	20	3.3	ug/L			05/23/11 22:32	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			05/23/11 22:32	1
Methyl methacrylate	1.0	U	1.0	0.48	ug/L			05/23/11 22:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	1.0	ug/L			05/23/11 22:32	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			05/23/11 22:32	1
n-Heptane	1.0	U	1.0	0.42	ug/L			05/23/11 22:32	1
Pentachloroethane	5.0	U	5.0	1.2	ug/L			05/23/11 22:32	1
Propionitrile	20	U	20	4.6	ug/L			05/23/11 22:32	1
Styrene	1.0	U	1.0	0.11	ug/L			05/23/11 22:32	1
t-Butanol	5.0	U	5.0	2.6	ug/L			05/23/11 22:32	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.33	ug/L			05/23/11 22:32	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			05/23/11 22:32	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/23/11 22:32	1
Toluene	1.0	U	1.0	0.33	ug/L			05/23/11 22:32	1
trans-1,4-Dichloro-2-butene	2.0	U	2.0	0.50	ug/L			05/23/11 22:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			05/23/11 22:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			05/23/11 22:32	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			05/23/11 22:32	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			05/23/11 22:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			05/23/11 22:32	1
Trichloroethylene	1.0	U	1.0	0.13	ug/L			05/23/11 22:32	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			05/23/11 22:32	1
1,2,3-Trichloropropene	1.0	U	1.0	0.41	ug/L			05/23/11 22:32	1
Vinyl acetate	2.0	U	2.0	0.28	ug/L			05/23/11 22:32	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			05/23/11 22:32	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			05/23/11 22:32	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/23/11 22:32	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130			1
Dibromofluoromethane	99		70 - 130			1
Toluene-d8 (Surr)	104		70 - 130			1

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-203845/12

Client Sample ID: LCS 680-203845/12

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 203845

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.
		Result	Qualifier				Limits
Acetone	100	99.8		ug/L		100	26 - 180
Benzene	50.0	53.3		ug/L		107	70 - 130
Bromodichloromethane	50.0	56.5		ug/L		113	70 - 130
Bromoform	50.0	48.3		ug/L		97	70 - 130
Bromomethane	50.0	32.3		ug/L		65	23 - 165
2-Butanone	100	103		ug/L		103	49 - 172
Carbon disulfide	50.0	49.4		ug/L		99	54 - 132
Carbon tetrachloride	50.0	55.4		ug/L		111	70 - 130
Chlorobenzene	50.0	47.4		ug/L		95	70 - 130
Chloroethane	50.0	38.0		ug/L		76	56 - 152
Chloroform	50.0	51.0		ug/L		102	70 - 130
Chloromethane	50.0	50.2		ug/L		100	70 - 130
cis-1,2-Dichloroethene	50.0	49.1		ug/L		98	70 - 130
cis-1,3-Dichloropropene	50.0	58.4		ug/L		117	70 - 130
Dibromochloromethane	50.0	54.6		ug/L		109	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	55.7		ug/L		111	70 - 130
1,2-Dibromoethane	50.0	55.9		ug/L		112	70 - 130
Dibromomethane	50.0	52.8		ug/L		106	70 - 130
Dichlorodifluoromethane	50.0	52.6		ug/L		105	44 - 146
1,1-Dichloroethane	50.0	50.7		ug/L		101	70 - 130
1,2-Dichloroethane	50.0	52.6		ug/L		105	70 - 130
1,1-Dichloroethene	50.0	47.6		ug/L		95	66 - 131
1,2-Dichloropropane	50.0	54.1		ug/L		108	70 - 130
Diethyl ether	50.0	52.7		ug/L		105	10 - 200
Ethylbenzene	50.0	50.2		ug/L		100	70 - 130
2-Hexanone	100	107		ug/L		107	42 - 185
Methylene Chloride	50.0	49.4		ug/L		99	67 - 130
4-Methyl-2-pentanone (MIBK)	100	113		ug/L		113	70 - 130
Methyl tert-butyl ether	100	96.1		ug/L		96	64 - 131
Styrene	50.0	54.8		ug/L		110	70 - 130
t-Butanol	50.0	61.9		ug/L		124	20 - 195
1,1,1,2-Tetrachloroethane	50.0	51.9		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.8		ug/L		110	70 - 130
Tetrachloroethene	50.0	46.8		ug/L		94	70 - 130
Toluene	50.0	55.2		ug/L		110	70 - 130
trans-1,2-Dichloroethene	50.0	48.9		ug/L		98	70 - 130
trans-1,3-Dichloropropene	50.0	59.1		ug/L		118	70 - 130
1,2,3-Trichlorobenzene	50.0	49.9		ug/L		100	70 - 130
1,1,1-Trichloroethane	50.0	54.2		ug/L		108	70 - 130
1,1,2-Trichloroethane	50.0	55.1		ug/L		110	70 - 130
Trichloroethylene	50.0	50.1		ug/L		100	70 - 130
Trichlorofluoromethane	50.0	44.0		ug/L		88	55 - 156
1,2,3-Trichloropropane	50.0	53.2		ug/L		106	70 - 130
Vinyl acetate	100	132		ug/L		132	60 - 176
Vinyl chloride	50.0	50.7		ug/L		101	67 - 134
Xylenes, Total	150	155		ug/L		104	70 - 130

LCS LCS

Surrogate	% Recovery	Qualifier	Limits
4-Bromofluorobenzene	112		70 - 130

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-203845/12

Matrix: Water

Analysis Batch: 203845

Client Sample ID: LCS 680-203845/12

Prep Type: Total/NA

Surrogate	LCS	LCS	% Recovery	Qualifier	Limits
Dibromofluoromethane			100		70 - 130
Toluene-d8 (Surr)			110		70 - 130

Lab Sample ID: LCSD 680-203845/13

Matrix: Water

Analysis Batch: 203845

Client Sample ID: LCSD 680-203845/13

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD	Limit
		Result	Qualifier				Limits	RPD		
Acetone	100	95.7		ug/L		96	26 - 180	4	50	
Benzene	50.0	52.9		ug/L		106	70 - 130	1	30	
Bromodichloromethane	50.0	55.9		ug/L		112	70 - 130	1	30	
Bromoform	50.0	46.8		ug/L		94	70 - 130	3	30	
Bromomethane	50.0	38.2		ug/L		76	23 - 165	17	50	
2-Butanone	100	98.6		ug/L		99	49 - 172	4	30	
Carbon disulfide	50.0	48.8		ug/L		98	54 - 132	1	30	
Carbon tetrachloride	50.0	55.9		ug/L		112	70 - 130	1	30	
Chlorobenzene	50.0	47.9		ug/L		96	70 - 130	1	30	
Chloroethane	50.0	36.7		ug/L		73	56 - 152	3	40	
Chloroform	50.0	49.7		ug/L		99	70 - 130	3	30	
Chloromethane	50.0	49.2		ug/L		98	70 - 130	2	30	
cis-1,2-Dichloroethylene	50.0	48.9		ug/L		98	70 - 130	0	30	
cis-1,3-Dichloropropene	50.0	58.6		ug/L		117	70 - 130	0	30	
Dibromochloromethane	50.0	54.4		ug/L		109	70 - 130	0	50	
1,2-Dibromo-3-Chloropropane	50.0	57.1		ug/L		114	70 - 130	2	50	
1,2-Dibromoethane	50.0	55.9		ug/L		112	70 - 130	0	30	
Dibromomethane	50.0	51.5		ug/L		103	70 - 130	2	30	
Dichlorodifluoromethane	50.0	52.9		ug/L		106	44 - 146	1	50	
1,1-Dichloroethane	50.0	49.6		ug/L		99	70 - 130	2	30	
1,2-Dichloroethane	50.0	52.5		ug/L		105	70 - 130	0	30	
1,1-Dichloroethylene	50.0	47.5		ug/L		95	66 - 131	0	30	
1,2-Dichloropropane	50.0	52.5		ug/L		105	70 - 130	3	30	
Diethyl ether	50.0	51.9		ug/L		104	10 - 200	1	50	
Ethylbenzene	50.0	50.9		ug/L		102	70 - 130	1	30	
2-Hexanone	100	111		ug/L		111	42 - 185	4	30	
Methylene Chloride	50.0	48.5		ug/L		97	67 - 130	2	30	
4-Methyl-2-pentanone (MIBK)	100	111		ug/L		111	70 - 130	1	30	
Methyl tert-butyl ether	100	95.9		ug/L		96	64 - 131	0	30	
Styrene	50.0	55.8		ug/L		112	70 - 130	2	30	
t-Butanol	50.0	62.0		ug/L		124	20 - 195	0	50	
1,1,1,2-Tetrachloroethane	50.0	52.4		ug/L		105	70 - 130	1	30	
1,1,2,2-Tetrachloroethane	50.0	53.2		ug/L		106	70 - 130	3	30	
Tetrachloroethylene	50.0	46.4		ug/L		93	70 - 130	1	30	
Toluene	50.0	54.5		ug/L		109	70 - 130	1	30	
trans-1,2-Dichloroethylene	50.0	48.9		ug/L		98	70 - 130	0	30	
trans-1,3-Dichloropropene	50.0	59.3		ug/L		119	70 - 130	0	50	
1,2,3-Trichlorobenzene	50.0	50.5		ug/L		101	70 - 130	1	30	
1,1,1-Trichloroethane	50.0	54.5		ug/L		109	70 - 130	1	30	
1,1,2-Trichloroethane	50.0	54.9		ug/L		110	70 - 130	0	30	
Trichloroethylene	50.0	51.2		ug/L		102	70 - 130	2	30	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-203845/13

Matrix: Water

Analysis Batch: 203845

Client Sample ID: LCSD 680-203845/13

Prep Type: Total/NA

Analyte	Spike Added	LCSD			Unit	D	% Rec.		RPD	Limit
		Result	Qualifier	% Rec.			Limits	RPD		
Trichlorofluoromethane	50.0	43.3		87	ug/L		55 - 156	2		30
1,2,3-Trichloropropane	50.0	50.8		102	ug/L		70 - 130	5		30
Vinyl acetate	100	128		128	ug/L		60 - 176	3		30
Vinyl chloride	50.0	50.0		100	ug/L		67 - 134	1		30
Xylenes, Total	150	157		105	ug/L		70 - 130	1		30
Surrogate		LCSD	LCSD							
		% Recovery	Qualifier	Limits						
4-Bromofluorobenzene	105			70 - 130						
Dibromofluoromethane	98			70 - 130						
Toluene-d8 (Surf)	107			70 - 130						

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Lab Sample ID: MB 680-201675/18-A

Matrix: Water

Analysis Batch: 202264

Client Sample ID: MB 680-201675/18-A

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
							Prepared	Analyzed	Prepared	Analyzed	
Acenaphthene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Acenaphthylene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Acetophenone	0.195	J	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
2-Acetylaminofluorene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
alpha,alpha-Dimethyl phenethylamine	10	U	10	3.4	ug/L		05/03/11 14:47	05/08/11 12:29			1
4-Aminobiphenyl	5.0	U	5.0	0.31	ug/L		05/03/11 14:47	05/08/11 12:29			1
Aniline	2.0	U	2.0	0.97	ug/L		05/03/11 14:47	05/08/11 12:29			1
Anthracene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Aramite, Total	1.5	U	1.5	0.11	ug/L		05/03/11 14:47	05/08/11 12:29			1
Benzo[a]anthracene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Benzo[a]pyrene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Benzo[b]fluoranthene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Benzo[g,h,i]perylene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Benzo[k]fluoranthene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Benzyl alcohol	1.0	U	1.0	0.14	ug/L		05/03/11 14:47	05/08/11 12:29			1
1,1'-Biphenyl	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.64	ug/L		05/03/11 14:47	05/08/11 12:29			1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.12	ug/L		05/03/11 14:47	05/08/11 12:29			1
Butyl benzyl phthalate	1.0	U	1.0	0.12	ug/L		05/03/11 14:47	05/08/11 12:29			1
4-Chloroaniline	2.0	U	2.0	0.36	ug/L		05/03/11 14:47	05/08/11 12:29			1
4-Chloro-3-methylphenol	1.0	U	1.0	0.12	ug/L		05/03/11 14:47	05/08/11 12:29			1
2-Chloronaphthalene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
2-Chlorophenol	1.0	U	1.0	0.12	ug/L		05/03/11 14:47	05/08/11 12:29			1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Chrysene	0.20	U	0.20	0.045	ug/L		05/03/11 14:47	05/08/11 12:29			1
Diallate	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Dibenzo(a,h)anthracene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
Dibenzofuran	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1
1,2-Dichlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29			1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-201675/18-A

Client Sample ID: MB 680-201675/18-A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202264

Prep Batch: 201675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
1,4-Dichlorobenzene	0.227	J	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
3,3'-Dichlorobenzidine	20	U	20	2.0	ug/L		05/03/11 14:47	05/08/11 12:29	1
2,4-Dichlorophenol	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
2,6-Dichlorophenol	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Diethyl phthalate	1.0	U	1.0	0.11	ug/L		05/03/11 14:47	05/08/11 12:29	1
Dimethoate	2.0	U	2.0	0.12	ug/L		05/03/11 14:47	05/08/11 12:29	1
7,12-Dimethylbenz(a)anthracene	1.0	U	1.0	0.20	ug/L		05/03/11 14:47	05/08/11 12:29	1
3,3'-Dimethylbenzidine	20	U	20	5.0	ug/L		05/03/11 14:47	05/08/11 12:29	1
2,4-Dimethylphenol	2.0	U	2.0	0.69	ug/L		05/03/11 14:47	05/08/11 12:29	1
Dimethyl phthalate	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Di-n-butyl phthalate	1.0	U	1.0	0.39	ug/L		05/03/11 14:47	05/08/11 12:29	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	0.13	ug/L		05/03/11 14:47	05/08/11 12:29	1
2,4-Dinitrophenol	10	U	10	1.1	ug/L		05/03/11 14:47	05/08/11 12:29	1
2,4-Dinitrotoluene	1.0	U	1.0	0.12	ug/L		05/03/11 14:47	05/08/11 12:29	1
2,6-Dinitrotoluene	1.0	U	1.0	0.13	ug/L		05/03/11 14:47	05/08/11 12:29	1
Di-n-octyl phthalate	1.0	U	1.0	0.17	ug/L		05/03/11 14:47	05/08/11 12:29	1
1,4-Dioxane	2.0	U	2.0	0.31	ug/L		05/03/11 14:47	05/08/11 12:29	1
Disulfoton	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Ethyl methanesulfonate	2.0	U	2.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Ethyl Parathion	2.0	U	2.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Famphur	1.0	U	1.0	0.16	ug/L		05/03/11 14:47	05/08/11 12:29	1
Fluoranthene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Fluorene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Hexachlorobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Hexachlorobutadiene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Hexachlorocyclopentadiene	2.0	U	2.0	0.50	ug/L		05/03/11 14:47	05/08/11 12:29	1
Hexachloroethane	1.0	U	1.0	0.50	ug/L		05/03/11 14:47	05/08/11 12:29	1
Hexachlorophene	500	U	500	25	ug/L		05/03/11 14:47	05/08/11 12:29	1
Hexachloropropene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Indeno[1,2,3-cd]pyrene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Isophorone	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Isosafrole	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
m-Dinitrobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Methapyrilene	200	U	200	1.3	ug/L		05/03/11 14:47	05/08/11 12:29	1
3-Methylcholanthrene	1.0	U	1.0	0.50	ug/L		05/03/11 14:47	05/08/11 12:29	1
Methyl methanesulfonate	2.0	U	2.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
2-Methylnaphthalene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
Methyl parathion	1.0	U	1.0	0.13	ug/L		05/03/11 14:47	05/08/11 12:29	1
2-Methylphenol	2.0	U	2.0	0.74	ug/L		05/03/11 14:47	05/08/11 12:29	1
3 & 4 Methylphenol	2.0	U	2.0	0.66	ug/L		05/03/11 14:47	05/08/11 12:29	1
1-Naphthalenamine	5.0	U	5.0	1.3	ug/L		05/03/11 14:47	05/08/11 12:29	1
2-Naphthalenamine	5.0	U	5.0	1.3	ug/L		05/03/11 14:47	05/08/11 12:29	1
Naphthalene	0.20	U	0.20	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
1,4-Naphthoquinone	1.0	U	1.0	0.50	ug/L		05/03/11 14:47	05/08/11 12:29	1
2-Nitroaniline	1.0	U	1.0	0.16	ug/L		05/03/11 14:47	05/08/11 12:29	1
3-Nitroaniline	5.0	U	5.0	0.16	ug/L		05/03/11 14:47	05/08/11 12:29	1
4-Nitroaniline	5.0	U	5.0	0.50	ug/L		05/03/11 14:47	05/08/11 12:29	1
Nitrobenzene	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1
5-Nitro-o-toluidine	1.0	U	1.0	0.10	ug/L		05/03/11 14:47	05/08/11 12:29	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-201675/18-A

Matrix: Water

Analysis Batch: 202264

Client Sample ID: MB 680-201675/18-A

Prep Type: Total/NA

Prep Batch: 201675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
4-Nitrophenol	5.0	U	5.0	0.50	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
4-Nitroquinoline-1-oxide	2.0	U	2.0	1.1	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosodiethylamine	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosodimethylamine	1.0	U	1.0	0.25	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosodi-n-butylamine	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.13	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.37	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosomethylethylamine	2.0	U	2.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosomorpholine	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosopiperidine	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
N-Nitrosopyrrolidine	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
o,o",o"-Triethylphosphorothioate	1.0	U	1.0	0.13	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
o-Toluidine	1.0	U	1.0	0.13	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
2,2'-oxybis[1-chloropropane]	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
p-Dimethylamino azobenzene	5.0	U	5.0	0.15	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Pentachlorobenzene	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Pentachloronitrobenzene	1.0	U	1.0	0.50	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Pentachlorophenol	5.0	U	5.0	0.40	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Phenacetin	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Phenanthrene	0.20	U	0.20	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Phenol	1.0	U	1.0	0.13	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Phenyl ether	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Phorate	1.0	U	1.0	0.20	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
2-Picoline	2.0	U	2.0	0.15	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
p-Phenylenediamine	200	U	200	16	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Pronamide	1.0	U	1.0	0.12	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Pyrene	0.20	U	0.20	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Pyridine	5.0	U	5.0	0.73	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Safrole, Total	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
2-sec-Butyl-4,6-dinitrophenol	2.0	U	2.0	0.15	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Sulfotep	1.0	U	1.0	0.14	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
Thionazin	1.0	U	1.0	0.20	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.10	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.12	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.17	ug/L	05/03/11 14:47	05/08/11 12:29	1	1
1,3,5-Trinitrobenzene	1.0	U	1.0	0.50	ug/L	05/03/11 14:47	05/08/11 12:29	1	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Aldol Condensate	19.5	T A J	ug/L		4.02		05/03/11 14:47	05/08/11 12:29	1
Unknown	1.32	T J	ug/L		5.00		05/03/11 14:47	05/08/11 12:29	1
Unknown	6.12	T J	ug/L		5.08		05/03/11 14:47	05/08/11 12:29	1
Unknown	0.555	T J	ug/L		6.31		05/03/11 14:47	05/08/11 12:29	1
Unknown	2.50	T J	ug/L		8.69		05/03/11 14:47	05/08/11 12:29	1
Unknown	0.615	T J	ug/L		11.24		05/03/11 14:47	05/08/11 12:29	1
Oleic Acid	4.83	T J N	ug/L		12.19	112-80-1	05/03/11 14:47	05/08/11 12:29	1
Unknown	1.30	T J	ug/L		12.39		05/03/11 14:47	05/08/11 12:29	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-201675/18-A

Matrix: Water

Analysis Batch: 202264

Client Sample ID: MB 680-201675/18-A

Prep Type: Total/NA

Prep Batch: 201675

Tentatively Identified Compound	MB		Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
	Est. Result	Qualifier							
Unknown Organic Acid	3.18	T J	ug/L		14.03		05/03/11 14:47	05/08/11 12:29	1
Tricosane	0.588	T J N	ug/L		14.09	638-67-5	05/03/11 14:47	05/08/11 12:29	1
Surrogate									
2-Fluorobiphenyl	61		34 - 130				05/03/11 14:47	05/08/11 12:29	1
2-Fluorophenol	56		25 - 130				05/03/11 14:47	05/08/11 12:29	1
Nitrobenzene-d5	64		32 - 130				05/03/11 14:47	05/08/11 12:29	1
Phenol-d5	52		27 - 130				05/03/11 14:47	05/08/11 12:29	1
Terphenyl-d14	69		36 - 130				05/03/11 14:47	05/08/11 12:29	1
2,4,6-Tribromophenol	67		30 - 130				05/03/11 14:47	05/08/11 12:29	1

Lab Sample ID: LCS 680-201675/19-A

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LCS 680-201675/19-A

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Spike Added	LCS		Unit	D	% Rec	Limits
		Result	Qualifier				
Acenaphthene	2.00	1.38		ug/L		69	42 - 130
Acenaphthylene	2.00	1.43		ug/L		71	45 - 130
Acetophenone	10.0	6.26		ug/L		63	45 - 130
Aniline	10.0	5.33		ug/L		53	10 - 130
Anthracene	2.00	1.35		ug/L		68	58 - 130
Benz[a]anthracene	2.00	1.40		ug/L		70	42 - 143
Benz[a]pyrene	2.00	1.37		ug/L		68	45 - 151
Benz[b]fluoranthene	2.00	1.46		ug/L		73	41 - 140
Benz[g,h,i]perylene	2.00	1.28		ug/L		64	27 - 134
Benz[k]fluoranthene	2.00	1.60		ug/L		80	45 - 140
Benzyl alcohol	10.0	4.32		ug/L		43	34 - 130
1,1'-Biphenyl	10.0	6.41		ug/L		64	50 - 130
Bis(2-chloroethoxy)methane	10.0	6.66		ug/L		67	47 - 130
Bis(2-chloroethyl)ether	10.0	6.36		ug/L		64	36 - 130
Bis(2-ethylhexyl) phthalate	10.0	6.96		ug/L		70	10 - 158
4-Bromophenyl phenyl ether	10.0	7.02		ug/L		70	44 - 130
Butyl benzyl phthalate	10.0	7.92		ug/L		79	60 - 130
4-Chloroaniline	10.0	5.65		ug/L		56	17 - 130
4-Chloro-3-methylphenol	10.0	5.66		ug/L		57	54 - 130
2-Chloronaphthalene	10.0	6.09		ug/L		61	48 - 130
2-Chlorophenol	10.0	5.46		ug/L		55	45 - 130
4-Chlorophenyl phenyl ether	10.0	6.62		ug/L		66	52 - 130
Chrysene	2.00	1.41		ug/L		70	40 - 142
Dibenz(a,h)anthracene	2.00	1.21		ug/L		61	38 - 130
Dibenzofuran	10.0	6.60		ug/L		66	56 - 130
1,2-Dichlorobenzene	10.0	5.37		ug/L		54	36 - 130
1,3-Dichlorobenzene	10.0	5.29		ug/L		53	31 - 130
1,4-Dichlorobenzene	10.0	5.71		ug/L		57	34 - 130
3,3'-Dichlorobenzidine	10.0	7.13 J		ug/L		71	10 - 158
2,4-Dichlorophenol	10.0	5.70 *		ug/L		57	58 - 130
Diethyl phthalate	10.0	7.18		ug/L		72	60 - 130
2,4-Dimethylphenol	10.0	3.81 *		ug/L		38	41 - 130
Dimethyl phthalate	10.0	6.96		ug/L		70	58 - 130

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCS 680-201675/19-A

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LCS 680-201675/19-A

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Spike Added	LCS		Unit	D	% Rec	% Rec.	Limits
		Result	Qualifier					
Di-n-butyl phthalate	10.0	7.01		ug/L	70	59 - 130		
4,6-Dinitro-2-methylphenol	10.0	5.65		ug/L	56	10 - 182		
2,4-Dinitrophenol	10.0	4.24	J	ug/L	42	10 - 200		
2,4-Dinitrotoluene	10.0	5.91		ug/L	59	57 - 130		
2,6-Dinitrotoluene	10.0	7.15		ug/L	71	53 - 130		
Di-n-octyl phthalate	10.0	6.78		ug/L	68	19 - 130		
1,4-Dioxane	10.0	3.66		ug/L	37	10 - 130		
Fluoranthene	2.00	1.38		ug/L	69	46 - 136		
Fluorene	2.00	1.35		ug/L	68	48 - 130		
Hexachlorobenzene	10.0	6.66		ug/L	67	49 - 130		
Hexachlorobutadiene	10.0	5.82		ug/L	58	36 - 130		
Hexachlorocyclopentadiene	10.0	7.01		ug/L	70	16 - 130		
Hexachloroethane	10.0	5.67		ug/L	57	32 - 130		
Indeno[1,2,3-cd]pyrene	2.00	1.07		ug/L	54	12 - 130		
Isophorone	10.0	5.77		ug/L	58	45 - 130		
2-Methylnaphthalene	2.00	1.29		ug/L	65	51 - 130		
2-Methylphenol	10.0	5.69		ug/L	57	49 - 130		
3 & 4 Methylphenol	10.0	5.38	*	ug/L	54	55 - 130		
Naphthalene	2.00	1.26		ug/L	63	35 - 130		
2-Nitroaniline	10.0	6.97		ug/L	70	48 - 130		
3-Nitroaniline	10.0	7.21		ug/L	72	18 - 147		
4-Nitroaniline	10.0	8.06		ug/L	81	31 - 147		
Nitrobenzene	10.0	5.99		ug/L	60	45 - 130		
2-Nitrophenol	10.0	6.41		ug/L	64	49 - 130		
4-Nitrophenol	10.0	4.56	J	ug/L	46	36 - 132		
N-Nitrosodimethylamine	10.0	6.43		ug/L	64	29 - 130		
N-Nitrosodi-n-propylamine	10.0	6.64		ug/L	66	42 - 130		
N-Nitrosodiphenylamine	10.0	7.00		ug/L	70	38 - 130		
2,2'-oxybis[1-chloropropane]	10.0	6.35		ug/L	63	39 - 130		
Pentachlorophenol	10.0	4.27	J	ug/L	43	12 - 156		
Phenanthrene	2.00	1.40		ug/L	70	45 - 134		
Phenol	10.0	5.06		ug/L	51	44 - 130		
Pyrene	2.00	1.51		ug/L	75	47 - 143		
Pyridine	10.0	4.21	J	ug/L	42	10 - 130		
1,2,4-Trichlorobenzene	10.0	5.45		ug/L	55	39 - 130		
2,4,5-Trichlorophenol	10.0	6.32		ug/L	63	61 - 130		
2,4,6-Trichlorophenol	10.0	6.22		ug/L	62	61 - 130		

Surrogate	LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	66		34 - 130
2-Fluorophenol	61		25 - 130
Nitrobenzene-d5	64		32 - 130
Phenol-d5	54		27 - 130
Terphenyl-d14	70		36 - 130
2,4,6-Tribromophenol	72		30 - 130

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCS 680-201675/22-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: LCS 680-201675/22-A

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	Limits
2-Acetylaminofluorene	10.0	8.74		ug/L		87	10 - 130	
alpha,alpha-Dimethyl phenethylamine	10.0	5.83	J	ug/L		58	10 - 130	
4-Aminobiphenyl	10.0	4.88	J	ug/L		49	10 - 130	
Aramite, Total	10.0	7.78		ug/L		78	10 - 130	
Diallate	10.0	6.82		ug/L		68	10 - 130	
2,6-Dichlorophenol	10.0	6.95		ug/L		70	10 - 130	
Dimethoate	10.0	5.59		ug/L		56	10 - 130	
7,12-Dimethylbenz(a)anthracene	10.0	5.88		ug/L		59	10 - 130	
3,3'-Dimethylbenzidine	10.0	28.6	*	ug/L		286	10 - 130	
Disulfoton	10.0	5.99		ug/L		60	10 - 130	
Ethyl methanesulfonate	10.0	7.85		ug/L		79	10 - 130	
Ethyl Parathion	10.0	7.76		ug/L		78	10 - 130	
Famphur	10.0	1.45		ug/L		14	10 - 130	
Hexachlorophene	50.0	500	U *	ug/L		6	10 - 130	
Hexachloropropene	10.0	2.59		ug/L		26	10 - 130	
Isosafrole	10.0	6.57		ug/L		66	10 - 130	
m-Dinitrobenzene	10.0	6.70		ug/L		67	10 - 130	
Methapyrilene	50.0	27.1	J	ug/L		54	10 - 130	
3-Methylcholanthrene	10.0	6.47		ug/L		65	10 - 130	
Methyl methanesulfonate	10.0	4.13		ug/L		41	10 - 130	
Methyl parathion	10.0	6.19		ug/L		62	10 - 130	
1-Naphthalenamine	10.0	5.41		ug/L		54	10 - 130	
2-Naphthalenamine	10.0	5.44		ug/L		54	10 - 130	
1,4-Naphthoquinone	10.0	2.08		ug/L		21	10 - 130	
5-Nitro-o-toluidine	10.0	7.59		ug/L		76	10 - 130	
4-Nitroquinoline-1-oxide	10.0	5.87		ug/L		59	10 - 130	
N-Nitrosodiethylamine	10.0	6.44		ug/L		64	10 - 130	
N-Nitrosodi-n-butylamine	10.0	6.82		ug/L		68	10 - 130	
N-Nitrosomethylalkylamine	10.0	6.54		ug/L		65	10 - 130	
N-Nitrosomorpholine	10.0	7.08		ug/L		71	10 - 130	
N-Nitrosopiperidine	10.0	6.86		ug/L		69	10 - 130	
N-Nitrosopyrrolidine	10.0	6.89		ug/L		69	10 - 130	
o,o'-Triethylphosphorothioate	10.0	5.91		ug/L		59	10 - 130	
o-Toluidine	10.0	5.28		ug/L		53	10 - 130	
p-Dimethylamino azobenzene	10.0	8.01		ug/L		80	10 - 130	
Pentachlorobenzene	10.0	5.91		ug/L		59	10 - 130	
Pentachloronitrobenzene	10.0	7.08		ug/L		71	10 - 130	
Phenacetin	10.0	7.31		ug/L		73	10 - 130	
Phorate	10.0	6.49		ug/L		65	10 - 130	
2-Picoline	10.0	5.42		ug/L		54	10 - 130	
p-Phenylenediamine	10.0	200	U	ug/L		71	10 - 130	
Pronamide	10.0	7.47		ug/L		75	10 - 130	
Safrole, Total	10.0	5.99		ug/L		60	10 - 130	
2-sec-Butyl-4,6-dinitrophenol	10.0	10.8		ug/L		108	10 - 130	
Sulfotep	10.0	6.51		ug/L		65	10 - 130	
1,2,4,5-Tetrachlorobenzene	10.0	4.87		ug/L		49	10 - 130	
2,3,4,6-Tetrachlorophenol	10.0	7.25		ug/L		73	10 - 130	
Thionazin	10.0	7.79		ug/L		78	10 - 130	
1,3,5-Trinitrobenzene	10.0	7.37		ug/L		74	10 - 130	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCS 680-201675/22-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: LCS 680-201675/22-A

Prep Type: Total/NA

Prep Batch: 201675

Surrogate	LCS	LCS	% Recovery	Qualifier	Limits
2-Fluorobiphenyl			58		34 - 130
2-Fluorophenol			54		25 - 130
Nitrobenzene-d5			57		32 - 130
Phenol-d5			55		27 - 130
Terphenyl-d14			66		36 - 130
2,4,6-Tribromophenol			75		30 - 130

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Acenaphthene	0.20	U	2.00	0.996		ug/L	50	42 - 130	
Acenaphthylene	0.20	U	2.00	1.03		ug/L	52	45 - 130	
Acetophenone	0.25	J B	10.0	5.24		ug/L	50	45 - 130	
Aniline	2.0	U	10.0	2.0	U F	ug/L	0	10 - 130	
Anthracene	0.20	U	2.00	1.15	F	ug/L	57	58 - 130	
Benz[a]anthracene	0.20	U	2.00	1.25		ug/L	62	42 - 143	
Benzo[a]pyrene	0.20	U	2.00	0.852	F	ug/L	43	45 - 151	
Benzo[b]fluoranthene	0.20	U	2.00	1.01		ug/L	50	41 - 140	
Benzo[g,h,i]perylene	0.20	U	2.00	0.949		ug/L	47	27 - 134	
Benzo[k]fluoranthene	0.20	U	2.00	1.22		ug/L	61	45 - 140	
Benzyl alcohol	1.0	U	10.0	2.94	F	ug/L	29	34 - 130	
1,1'-Biphenyl	1.0	U	10.0	4.60	F	ug/L	46	50 - 130	
Bis(2-chloroethoxy)methane	1.0	U	10.0	5.32		ug/L	53	47 - 130	
Bis(2-chloroethyl)ether	1.0	U	10.0	5.08		ug/L	51	36 - 130	
Bis(2-ethylhexyl) phthalate	1.2	J	10.0	4.01		ug/L	28	10 - 158	
4-Bromophenyl phenyl ether	1.0	U	10.0	5.77		ug/L	58	44 - 130	
Butyl benzyl phthalate	0.17	J	10.0	6.71		ug/L	65	60 - 130	
4-Chloroaniline	2.0	U	10.0	0.923	J F	ug/L	9	17 - 130	
4-Chloro-3-methylphenol	1.0	U	10.0	4.54	F	ug/L	45	54 - 130	
2-Chloronaphthalene	1.0	U	10.0	4.28	F	ug/L	43	48 - 130	
2-Chlorophenol	1.0	U	10.0	4.27	F	ug/L	43	45 - 130	
4-Chlorophenyl phenyl ether	1.0	U	10.0	4.97	F	ug/L	50	52 - 130	
Chrysene	0.20	U	2.00	1.30		ug/L	65	40 - 142	
Dibenz(a,h)anthracene	0.20	U	2.00	1.02		ug/L	51	38 - 130	
Dibenzofuran	1.0	U	10.0	5.07	F	ug/L	51	56 - 130	
1,2-Dichlorobenzene	1.0	U	10.0	3.32	F	ug/L	33	36 - 130	
1,3-Dichlorobenzene	1.0	U	10.0	3.07		ug/L	31	31 - 130	
1,4-Dichlorobenzene	0.28	J B	10.0	3.70		ug/L	34	34 - 130	
3,3'-Dichlorobenzidine	20	U	10.0	20	U F	ug/L	0	10 - 158	
2,4-Dichlorophenol	1.0	U *	10.0	4.65	F	ug/L	47	58 - 130	
Diethyl phthalate	1.0	U	10.0	6.06		ug/L	61	60 - 130	
2,4-Dimethylphenol	2.0	U *	10.0	4.60		ug/L	46	41 - 130	
Dimethyl phthalate	1.0	U	10.0	5.71	F	ug/L	57	58 - 130	
Di-n-butyl phthalate	1.0	U	10.0	6.31		ug/L	63	59 - 130	
4,6-Dinitro-2-methylphenol	5.0	U	10.0	5.68		ug/L	57	10 - 182	
2,4-Dinitrophenol	10	U	10.0	6.06	J	ug/L	61	10 - 200	
2,4-Dinitrotoluene	1.0	U	10.0	4.71	F	ug/L	47	57 - 130	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
2,6-Dinitrotoluene	1.0	U	10.0	5.57		ug/L		56	53 - 130
Di-n-octyl phthalate	1.0	U	10.0	3.61		ug/L		36	19 - 130
1,4-Dioxane	0.83	J	10.0	4.26		ug/L		34	10 - 130
Fluoranthene	0.20	U	2.00	1.27		ug/L		64	46 - 136
Fluorene	0.20	U	2.00	1.06		ug/L		53	48 - 130
Hexachlorobenzene	1.0	U	10.0	5.04		ug/L		50	49 - 130
Hexachlorobutadiene	1.0	U	10.0	3.37	F	ug/L		34	36 - 130
Hexachlorocyclopentadiene	2.0	U	10.0	4.86		ug/L		49	16 - 130
Hexachloroethane	1.0	U	10.0	3.21		ug/L		32	32 - 130
Indeno[1,2,3-cd]pyrene	0.20	U	2.00	1.08		ug/L		54	12 - 130
Isophorone	1.0	U	10.0	4.70		ug/L		47	45 - 130
2-Methylnaphthalene	0.20	U	2.00	0.926	F	ug/L		46	51 - 130
2-Methylphenol	2.0	U	10.0	4.99		ug/L		50	49 - 130
3 & 4 Methylphenol	2.0	U*	10.0	4.74	F	ug/L		47	55 - 130
Naphthalene	0.20	U	2.00	0.938		ug/L		47	35 - 130
2-Nitroaniline	1.0	U	10.0	5.57		ug/L		56	48 - 130
3-Nitroaniline	5.0	U	10.0	2.32	J	ug/L		23	18 - 147
4-Nitroaniline	5.0	U	10.0	4.59	J	ug/L		46	31 - 147
Nitrobenzene	1.0	U	10.0	4.84		ug/L		48	45 - 130
2-Nitrophenol	1.0	U	10.0	4.89		ug/L		49	49 - 130
4-Nitrophenol	5.0	U	10.0	4.24	J	ug/L		42	36 - 132
N-Nitrosodimethylamine	1.0	U	10.0	5.05		ug/L		51	29 - 130
N-Nitrosodi-n-propylamine	1.0	U	10.0	5.26		ug/L		53	42 - 130
N-Nitrosodiphenylamine	1.0	U	10.0	4.66		ug/L		47	38 - 130
2,2'-oxybis[1-chloropropane]	1.0	U	10.0	4.95		ug/L		49	39 - 130
Pentachlorophenol	5.0	U	10.0	5.15		ug/L		52	12 - 156
Phenanthere	0.20	U	2.00	1.22		ug/L		61	45 - 134
Phenol	1.0	U	10.0	3.86	F	ug/L		39	44 - 130
Pyrene	0.20	U	2.00	1.25		ug/L		62	47 - 143
Pyridine	5.0	U	10.0	1.46	J	ug/L		15	10 - 130
1,2,4-Trichlorobenzene	1.0	U	10.0	3.37	F	ug/L		34	39 - 130
2,4,5-Trichlorophenol	1.0	U	10.0	5.02	F	ug/L		50	61 - 130
2,4,6-Trichlorophenol	1.0	U	10.0	4.97	F	ug/L		50	61 - 130

MS **MS**

Surrogate	% Recovery	Qualifier	Limits
2-Fluorobiphenyl	50		34 - 130
2-Fluorophenol	47		25 - 130
Nitrobenzene-d5	54		32 - 130
Phenol-d5	42		27 - 130
Terphenyl-d14	54		36 - 130
2,4,6-Tribromophenol	63		30 - 130

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
2-Acetylaminofluorene	1.0	U	10.0	6.69		ug/L		67	10 - 130
alpha,alpha-Dimethyl phenethylamine	10	U	10.0	4.13	J	ug/L		41	10 - 130

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				5	
4-Aminobiphenyl	5.0	U	10.0	0.466	J F	ug/L			10 - 130	
Aramite, Total	1.5	U	10.0	5.36		ug/L			54	10 - 130
Diallate	1.0	U	10.0	4.64		ug/L			46	10 - 130
2,6-Dichlorophenol	1.0	U	10.0	5.47		ug/L			55	10 - 130
Dimethoate	2.0	U	10.0	4.12		ug/L			41	10 - 130
7,12-Dimethylbenz(a)anthracene	1.0	U	10.0	1.74		ug/L			17	10 - 130
3,3'-Dimethylbenzidine	20	U *	10.0	20	U F	ug/L			0	10 - 130
Disulfoton	1.0	U	10.0	2.48		ug/L			25	10 - 130
Ethyl methanesulfonate	2.0	U	10.0	3.36		ug/L			34	10 - 130
Ethyl Parathion	2.0	U	10.0	8.04		ug/L			80	10 - 130
Famphur	1.0	U	10.0	7.44		ug/L			74	10 - 130
Hexachlorophene	500	U *	50.0	500	U F	ug/L			0	10 - 130
Hexachloropropene	1.0	U	10.0	2.34		ug/L			23	10 - 130
Iosafrole	1.0	U	10.0	4.06		ug/L			41	10 - 130
m-Dinitrobenzene	1.0	U	10.0	5.42		ug/L			54	10 - 130
Methapyrilene	200	U	50.0	200	U F	ug/L			0	10 - 130
3-Methylcholanthrene	1.0	U	10.0	1.0	U F	ug/L			0	10 - 130
Methyl methanesulfonate	2.0	U	10.0	3.58		ug/L			36	10 - 130
Methyl parathion	1.0	U	10.0	7.17		ug/L			72	10 - 130
1-Naphthalenamine	5.0	U	10.0	5.0	U F	ug/L			0	10 - 130
2-Naphthalenamine	5.0	U	10.0	5.0	U F	ug/L			0	10 - 130
1,4-Naphthoquinone	1.0	U	10.0	5.96		ug/L			60	10 - 130
5-Nitro-o-toluidine	1.0	U	10.0	3.86		ug/L			39	10 - 130
4-Nitroquinoline-1-oxide	2.0	U	10.0	4.38		ug/L			44	10 - 130
N-Nitrosodiethylamine	1.0	U	10.0	5.19		ug/L			52	10 - 130
N-Nitrosodi-n-butylamine	1.0	U	10.0	4.97		ug/L			50	10 - 130
N-Nitrosomethylalkylamine	2.0	U	10.0	5.18		ug/L			52	10 - 130
N-Nitrosomorpholine	1.0	U	10.0	5.25		ug/L			52	10 - 130
N-Nitrosopiperidine	1.0	U	10.0	5.18		ug/L			52	10 - 130
N-Nitrosopyrrolidine	1.0	U	10.0	5.38		ug/L			54	10 - 130
o,o",o"-Triethylphosphorothioate	1.0	U	10.0	5.14		ug/L			51	10 - 130
o-Toluidine	1.0	U	10.0	1.36		ug/L			14	10 - 130
p-Dimethylamino azobenzene	5.0	U	10.0	6.27		ug/L			63	10 - 130
Pentachlorobenzene	1.0	U	10.0	4.39		ug/L			44	10 - 130
Pentachloronitrobenzene	1.0	U	10.0	6.60		ug/L			66	10 - 130
Phenacetin	1.0	U	10.0	7.40		ug/L			74	10 - 130
Phorate	1.0	U	10.0	4.10		ug/L			41	10 - 130
2-Picoline	2.0	U	10.0	3.07		ug/L			31	10 - 130
p-Phenylenediamine	200	U	10.0	200	U	ug/L			NC	10 - 130
Pronamide	1.0	U	10.0	5.75		ug/L			58	10 - 130
Safrole, Total	1.0	U	10.0	4.65		ug/L			46	10 - 130
2-sec-Butyl-4,6-dinitrophenol	2.0	U	10.0	8.18		ug/L			82	10 - 130
Sulfotep	1.0	U	10.0	5.04		ug/L			50	10 - 130
1,2,4,5-Tetrachlorobenzene	1.0	U	10.0	3.01		ug/L			30	10 - 130
2,3,4,6-Tetrachlorophenol	1.0	U	10.0	5.43		ug/L			54	10 - 130
Thionazin	1.0	U	10.0	5.72		ug/L			57	10 - 130
1,3,5-Trinitrobenzene	1.0	U	10.0	11.3		ug/L			113	10 - 130

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Surrogate	MS	MS	% Recovery	Qualifier	Limits
2-Fluorobiphenyl	41				34 - 130
2-Fluorophenol	41				25 - 130
Nitrobenzene-d5	46				32 - 130
Phenol-d5	37				27 - 130
Terphenyl-d14	59				36 - 130
2,4,6-Tribromophenol	51				30 - 130

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	
Acenaphthene	0.20	U	2.00	1.01		ug/L	50	42 - 130	1	50	
Acenaphthylene	0.20	U	2.00	1.18		ug/L	59	45 - 130	13	50	
Acetophenone	0.25	J B	10.0	5.52		ug/L	53	45 - 130	5	50	
Aniline	2.0	U	10.0	4.32		ug/L	43	10 - 130	NC	50	
Anthracene	0.20	U	2.00	1.19		ug/L	59	58 - 130	4	50	
Benzo[a]anthracene	0.20	U	2.00	1.27		ug/L	64	42 - 143	2	50	
Benzo[a]pyrene	0.20	U	2.00	0.910		ug/L	46	45 - 151	7	50	
Benzo[b]fluoranthene	0.20	U	2.00	1.13		ug/L	57	41 - 140	11	50	
Benzo[g,h,i]perylene	0.20	U	2.00	1.09		ug/L	54	27 - 134	14	50	
Benzo[k]fluoranthene	0.20	U	2.00	1.24		ug/L	62	45 - 140	2	50	
Benzyl alcohol	1.0	U	10.0	3.43		ug/L	34	34 - 130	15	50	
1,1'-Biphenyl	1.0	U	10.0	4.92	F	ug/L	49	50 - 130	7	50	
Bis(2-chloroethoxy)methane	1.0	U	10.0	5.45		ug/L	55	47 - 130	2	50	
Bis(2-chloroethyl)ether	1.0	U	10.0	5.48		ug/L	55	36 - 130	8	50	
Bis(2-ethylhexyl) phthalate	1.2	J	10.0	4.29		ug/L	30	10 - 158	7	50	
4-Bromophenyl phenyl ether	1.0	U	10.0	5.71		ug/L	57	44 - 130	1	50	
Butyl benzyl phthalate	0.17	J	10.0	6.98		ug/L	68	60 - 130	4	50	
4-Chloroaniline	2.0	U	10.0	4.26	F	ug/L	43	17 - 130	129	50	
4-Chloro-3-methylphenol	1.0	U	10.0	4.92	F	ug/L	49	54 - 130	8	50	
2-Chloronaphthalene	1.0	U	10.0	4.59	F	ug/L	46	48 - 130	7	50	
2-Chlorophenol	1.0	U	10.0	4.65		ug/L	47	45 - 130	9	50	
4-Chlorophenyl phenyl ether	1.0	U	10.0	5.24		ug/L	52	52 - 130	5	50	
Chrysene	0.20	U	2.00	1.24		ug/L	62	40 - 142	5	50	
Dibenz(a,h)anthracene	0.20	U	2.00	1.08		ug/L	54	38 - 130	6	50	
Dibenzofuran	1.0	U	10.0	5.43	F	ug/L	54	56 - 130	7	50	
1,2-Dichlorobenzene	1.0	U	10.0	3.71		ug/L	37	36 - 130	11	50	
1,3-Dichlorobenzene	1.0	U	10.0	3.67		ug/L	37	31 - 130	18	50	
1,4-Dichlorobenzene	0.28	J B	10.0	4.16		ug/L	39	34 - 130	12	50	
3,3'-Dichlorobenzidine	20	U	10.0	4.24	J	ug/L	42	10 - 158	NC	50	
2,4-Dichlorophenol	1.0	U *	10.0	4.74	F	ug/L	47	58 - 130	2	50	
Diethyl phthalate	1.0	U	10.0	6.24		ug/L	62	60 - 130	3	50	
2,4-Dimethylphenol	2.0	U *	10.0	3.57	F	ug/L	36	41 - 130	25	50	
Dimethyl phthalate	1.0	U	10.0	5.87		ug/L	59	58 - 130	3	50	
Di-n-butyl phthalate	1.0	U	10.0	6.45		ug/L	65	59 - 130	2	50	
4,6-Dinitro-2-methylphenol	5.0	U	10.0	5.92		ug/L	59	10 - 182	4	50	
2,4-Dinitrophenol	10	U	10.0	5.69	J	ug/L	57	10 - 200	6	50	
2,4-Dinitrotoluene	1.0	U	10.0	5.15	F	ug/L	52	57 - 130	9	50	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
2,6-Dinitrotoluene	1.0	U	10.0	5.61		ug/L		56	53 - 130	1	50
Di-n-octyl phthalate	1.0	U	10.0	3.85		ug/L		38	19 - 130	6	50
1,4-Dioxane	0.83	J	10.0	4.11		ug/L		33	10 - 130	3	50
Fluoranthene	0.20	U	2.00	1.28		ug/L		64	46 - 136	1	50
Fluorene	0.20	U	2.00	1.12		ug/L		56	48 - 130	6	50
Hexachlorobenzene	1.0	U	10.0	5.24		ug/L		52	49 - 130	4	50
Hexachlorobutadiene	1.0	U	10.0	4.07		ug/L		41	36 - 130	19	50
Hexachlorocyclopentadiene	2.0	U	10.0	5.75		ug/L		57	16 - 130	17	50
Hexachloroethane	1.0	U	10.0	3.83		ug/L		38	32 - 130	18	50
Indeno[1,2,3-cd]pyrene	0.20	U	2.00	1.03		ug/L		52	12 - 130	4	50
Isophorone	1.0	U	10.0	4.74		ug/L		47	45 - 130	1	50
2-Methylnaphthalene	0.20	U	2.00	1.01	F	ug/L		50	51 - 130	9	50
2-Methylphenol	2.0	U	10.0	5.05		ug/L		51	49 - 130	1	50
3 & 4 Methylphenol	2.0	U *	10.0	4.51	F	ug/L		45	55 - 130	5	50
Naphthalene	0.20	U	2.00	1.01		ug/L		51	35 - 130	8	50
2-Nitroaniline	1.0	U	10.0	5.73		ug/L		57	48 - 130	3	50
3-Nitroaniline	5.0	U	10.0	5.70	F	ug/L		57	18 - 147	84	50
4-Nitroaniline	5.0	U	10.0	6.39		ug/L		64	31 - 147	33	50
Nitrobenzene	1.0	U	10.0	5.09		ug/L		51	45 - 130	5	50
2-Nitrophenol	1.0	U	10.0	5.08		ug/L		51	49 - 130	4	50
4-Nitrophenol	5.0	U	10.0	4.62	J	ug/L		46	36 - 132	9	50
N-Nitrosodimethylamine	1.0	U	10.0	5.60		ug/L		56	29 - 130	10	50
N-Nitrosodi-n-propylamine	1.0	U	10.0	5.46		ug/L		55	42 - 130	4	50
N-Nitrosodiphenylamine	1.0	U	10.0	5.40		ug/L		54	38 - 130	15	50
2,2'-oxybis[1-chloropropane]	1.0	U	10.0	5.16		ug/L		52	39 - 130	4	50
Pentachlorophenol	5.0	U	10.0	4.15	J	ug/L		41	12 - 156	22	50
Phenanthenrene	0.20	U	2.00	1.19		ug/L		59	45 - 134	3	50
Phenol	1.0	U	10.0	4.40		ug/L		44	44 - 130	13	50
Pyrene	0.20	U	2.00	1.21		ug/L		61	47 - 143	3	50
Pyridine	5.0	U	10.0	3.51	J F	ug/L		35	10 - 130	82	50
1,2,4-Trichlorobenzene	1.0	U	10.0	3.87		ug/L		39	39 - 130	14	50
2,4,5-Trichlorophenol	1.0	U	10.0	5.14	F	ug/L		51	61 - 130	2	50
2,4,6-Trichlorophenol	1.0	U	10.0	5.09	F	ug/L		51	61 - 130	2	50

MSD **MSD**

Surrogate	% Recovery	Qualifier	Limits
2-Fluorobiphenyl	54		34 - 130
2-Fluorophenol	51		25 - 130
Nitrobenzene-d5	56		32 - 130
Phenol-d5	48		27 - 130
Terphenyl-d14	55		36 - 130
2,4,6-Tribromophenol	64		30 - 130

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
2-Acetylaminofluorene	1.0	U	10.0	6.73		ug/L		67	10 - 130	1	50
alpha,alpha-Dimethyl phenethylamine	10	U	10.0	3.84	J	ug/L		38	10 - 130	7	50

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
4-Aminobiphenyl	5.0	U	10.0	2.09	J F	ug/L	21	10 - 130	127	50		
Aramite, Total	1.5	U	10.0	7.05		ug/L	71	10 - 130	27	50		
Diallate	1.0	U	10.0	4.81		ug/L	48	10 - 130	4	50		
2,6-Dichlorophenol	1.0	U	10.0	5.68		ug/L	57	10 - 130	4	50		
Dimethoate	2.0	U	10.0	4.03		ug/L	40	10 - 130	2	50		
7,12-Dimethylbenz(a)anthracene	1.0	U	10.0	3.63	F	ug/L	36	10 - 130	70	50		
3,3'-Dimethylbenzidine	20	U *	10.0	20	U F	ug/L	0	10 - 130	NC	50		
Disulfoton	1.0	U	10.0	4.19	F	ug/L	42	10 - 130	51	50		
Ethyl methanesulfonate	2.0	U	10.0	3.99		ug/L	40	10 - 130	17	50		
Ethyl Parathion	2.0	U	10.0	7.71		ug/L	77	10 - 130	4	50		
Famphur	1.0	U	10.0	2.77	F	ug/L	28	10 - 130	92	50		
Hexachlorophene	500	U *	50.0	500	U F	ug/L	0	10 - 130	NC	50		
Hexachloropropene	1.0	U	10.0	2.05		ug/L	20	10 - 130	13	50		
Iosafrole	1.0	U	10.0	4.85		ug/L	49	10 - 130	18	50		
m-Dinitrobenzene	1.0	U	10.0	6.25		ug/L	63	10 - 130	14	50		
Methapyrilene	200	U	50.0	16.9	J	ug/L	34	10 - 130	NC	50		
3-Methylcholanthrene	1.0	U	10.0	1.69		ug/L	17	10 - 130	NC	50		
Methyl methanesulfonate	2.0	U	10.0	3.87		ug/L	39	10 - 130	8	50		
Methyl parathion	1.0	U	10.0	6.93		ug/L	69	10 - 130	3	50		
1-Naphthalenamine	5.0	U	10.0	5.0	U F	ug/L	0	10 - 130	NC	50		
2-Naphthalenamine	5.0	U	10.0	1.41	J	ug/L	14	10 - 130	NC	50		
1,4-Naphthoquinone	1.0	U	10.0	7.47		ug/L	75	10 - 130	23	50		
5-Nitro-o-toluidine	1.0	U	10.0	5.55		ug/L	55	10 - 130	36	50		
4-Nitroquinoline-1-oxide	2.0	U	10.0	6.47		ug/L	65	10 - 130	38	50		
N-Nitrosodiethylamine	1.0	U	10.0	5.64		ug/L	56	10 - 130	8	50		
N-Nitrosodi-n-butylamine	1.0	U	10.0	5.29		ug/L	53	10 - 130	6	50		
N-Nitrosomethylalkylamine	2.0	U	10.0	5.97		ug/L	60	10 - 130	14	50		
N-Nitrosomorpholine	1.0	U	10.0	5.89		ug/L	59	10 - 130	11	50		
N-Nitrosopiperidine	1.0	U	10.0	5.55		ug/L	55	10 - 130	7	50		
N-Nitrosopyrrolidine	1.0	U	10.0	5.22		ug/L	52	10 - 130	3	50		
o,o",o"-Triethylphosphorothioate	1.0	U	10.0	5.27		ug/L	53	10 - 130	2	50		
o-Toluidine	1.0	U	10.0	3.88	F	ug/L	39	10 - 130	96	50		
p-Dimethylamino azobenzene	5.0	U	10.0	6.62		ug/L	66	10 - 130	5	50		
Pentachlorobenzene	1.0	U	10.0	5.09		ug/L	51	10 - 130	15	50		
Pentachloronitrobenzene	1.0	U	10.0	6.89		ug/L	69	10 - 130	4	50		
Phenacetin	1.0	U	10.0	6.95		ug/L	70	10 - 130	6	50		
Phorate	1.0	U	10.0	4.89		ug/L	49	10 - 130	18	50		
2-Picoline	2.0	U	10.0	4.63		ug/L	46	10 - 130	40	50		
p-Phenylenediamine	200	U	10.0	200	U	ug/L	NC	10 - 130	NC	50		
Pronamide	1.0	U	10.0	5.96		ug/L	60	10 - 130	4	50		
Safrole, Total	1.0	U	10.0	4.94		ug/L	49	10 - 130	6	50		
2-sec-Butyl-4,6-dinitrophenol	2.0	U	10.0	7.92		ug/L	79	10 - 130	3	50		
Sulfotep	1.0	U	10.0	5.22		ug/L	52	10 - 130	4	50		
1,2,4,5-Tetrachlorobenzene	1.0	U	10.0	3.80		ug/L	38	10 - 130	23	50		
2,3,4,6-Tetrachlorophenol	1.0	U	10.0	6.04		ug/L	60	10 - 130	11	50		
Thionazin	1.0	U	10.0	5.67		ug/L	57	10 - 130	1	50		
1,3,5-Trinitrobenzene	1.0	U	10.0	11.0		ug/L	110	10 - 130	2	50		

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 202342

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201675

Surrogate	MSD	MSD	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	46		34 - 130
2-Fluorophenol	45		25 - 130
Nitrobenzene-d5	48		32 - 130
Phenol-d5	40		27 - 130
Terphenyl-d14	61		36 - 130
2,4,6-Tribromophenol	61		30 - 130

Lab Sample ID: MB 680-201990/2-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: MB 680-201990/2-A

Prep Type: Total/NA

Prep Batch: 201990

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Acenaphthylene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Acetophenone	0.216	J	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
2-Acetylaminofluorene	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
alpha,alpha-Dimethyl phenethylamine	10	U	10	3.4	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
4-Aminobiphenyl	5.0	U	5.0	0.31	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Aniline	2.0	U	2.0	0.97	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Anthracene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Aramite, Total	1.5	U	1.5	0.11	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Benz[a]anthracene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Benz[a]pyrene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Benz[b]fluoranthene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Benz[g,h,i]perylene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Benz[k]fluoranthene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Benzyl alcohol	1.0	U	1.0	0.14	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
1,1'-Biphenyl	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.64	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.12	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Butyl benzyl phthalate	1.0	U	1.0	0.12	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
4-Chloroaniline	2.0	U	2.0	0.36	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.12	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
2-Chloronaphthalene	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
2-Chlorophenol	1.0	U	1.0	0.12	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Chrysene	0.20	U	0.20	0.045	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Diallate	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Dibenz(a,h)anthracene	0.20	U	0.20	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Dibenzofuran	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
1,2-Dichlorobenzene	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
1,3-Dichlorobenzene	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
1,4-Dichlorobenzene	0.207	J	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
3,3'-Dichlorobenzidine	20	U	20	2.0	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
2,4-Dichlorophenol	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
2,6-Dichlorophenol	1.0	U	1.0	0.10	ug/L	05/05/11 14:45	05/18/11 19:07	1	1
Diethyl phthalate	1.0	U	1.0	0.11	ug/L	05/05/11 14:45	05/18/11 19:07	1	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-201990/2-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: MB 680-201990/2-A

Prep Type: Total/NA

Prep Batch: 201990

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	2.0	U	2.0	0.12	ug/L		05/05/11 14:45	05/18/11 19:07	1
7,12-Dimethylbenz(a)anthracene	1.0	U	1.0	0.20	ug/L		05/05/11 14:45	05/18/11 19:07	1
3,3'-Dimethylbenzidine	20	U	20	5.0	ug/L		05/05/11 14:45	05/18/11 19:07	1
2,4-Dimethylphenol	2.0	U	2.0	0.69	ug/L		05/05/11 14:45	05/18/11 19:07	1
Dimethyl phthalate	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Di-n-butyl phthalate	1.0	U	1.0	0.39	ug/L		05/05/11 14:45	05/18/11 19:07	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	0.13	ug/L		05/05/11 14:45	05/18/11 19:07	1
2,4-Dinitrophenol	10	U	10	1.1	ug/L		05/05/11 14:45	05/18/11 19:07	1
2,4-Dinitrotoluene	1.0	U	1.0	0.12	ug/L		05/05/11 14:45	05/18/11 19:07	1
2,6-Dinitrotoluene	1.0	U	1.0	0.13	ug/L		05/05/11 14:45	05/18/11 19:07	1
Di-n-octyl phthalate	1.0	U	1.0	0.17	ug/L		05/05/11 14:45	05/18/11 19:07	1
1,4-Dioxane	2.0	U	2.0	0.31	ug/L		05/05/11 14:45	05/18/11 19:07	1
Disulfoton	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Ethyl methanesulfonate	2.0	U	2.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Ethyl Parathion	2.0	U	2.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Famphur	1.0	U	1.0	0.16	ug/L		05/05/11 14:45	05/18/11 19:07	1
Fluoranthene	0.20	U	0.20	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Fluorene	0.20	U	0.20	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Hexachlorobenzene	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Hexachlorobutadiene	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Hexachlorocyclopentadiene	2.0	U	2.0	0.50	ug/L		05/05/11 14:45	05/18/11 19:07	1
Hexachloroethane	1.0	U	1.0	0.50	ug/L		05/05/11 14:45	05/18/11 19:07	1
Hexachlorophene	500	U	500	25	ug/L		05/05/11 14:45	05/18/11 19:07	1
Hexachloropropene	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Indeno[1,2,3-cd]pyrene	0.20	U	0.20	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Isophorone	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Isosafrole	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
m-Dinitrobenzene	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Methapyrilene	200	U	200	1.3	ug/L		05/05/11 14:45	05/18/11 19:07	1
3-Methylcholanthrene	1.0	U	1.0	0.50	ug/L		05/05/11 14:45	05/18/11 19:07	1
Methyl methanesulfonate	2.0	U	2.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
2-Methylnaphthalene	0.20	U	0.20	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Methyl parathion	1.0	U	1.0	0.13	ug/L		05/05/11 14:45	05/18/11 19:07	1
2-Methylphenol	2.0	U	2.0	0.74	ug/L		05/05/11 14:45	05/18/11 19:07	1
3 & 4 Methylphenol	2.0	U	2.0	0.66	ug/L		05/05/11 14:45	05/18/11 19:07	1
1-Naphthalenamine	5.0	U	5.0	1.3	ug/L		05/05/11 14:45	05/18/11 19:07	1
2-Naphthalenamine	5.0	U	5.0	1.3	ug/L		05/05/11 14:45	05/18/11 19:07	1
Naphthalene	0.20	U	0.20	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
1,4-Naphthoquinone	1.0	U	1.0	0.50	ug/L		05/05/11 14:45	05/18/11 19:07	1
2-Nitroaniline	1.0	U	1.0	0.16	ug/L		05/05/11 14:45	05/18/11 19:07	1
3-Nitroaniline	5.0	U	5.0	0.16	ug/L		05/05/11 14:45	05/18/11 19:07	1
4-Nitroaniline	5.0	U	5.0	0.50	ug/L		05/05/11 14:45	05/18/11 19:07	1
Nitrobenzene	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
5-Nitro-o-toluidine	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
2-Nitrophenol	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
4-Nitrophenol	5.0	U	5.0	0.50	ug/L		05/05/11 14:45	05/18/11 19:07	1
4-Nitroquinoline-1-oxide	2.0	U	2.0	1.1	ug/L		05/05/11 14:45	05/18/11 19:07	1
N-Nitrosodiethylamine	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
N-Nitrosodimethylamine	1.0	U	1.0	0.25	ug/L		05/05/11 14:45	05/18/11 19:07	1
N-Nitrosodi-n-butylamine	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-201990/2-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: MB 680-201990/2-A

Prep Type: Total/NA

Prep Batch: 201990

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.13	ug/L		05/05/11 14:45	05/18/11 19:07	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.37	ug/L		05/05/11 14:45	05/18/11 19:07	1
N-Nitrosomethylmethamphetamine	2.0	U	2.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
N-Nitrosomorpholine	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
N-Nitrosopiperidine	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
N-Nitrosopyrrolidine	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
o,o',o"-Triethylphosphorothioate	1.0	U	1.0	0.13	ug/L		05/05/11 14:45	05/18/11 19:07	1
o-Toluidine	1.0	U	1.0	0.13	ug/L		05/05/11 14:45	05/18/11 19:07	1
2,2'-oxybis[1-chloropropane]	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
p-Dimethylamino azobenzene	5.0	U	5.0	0.15	ug/L		05/05/11 14:45	05/18/11 19:07	1
Pentachlorobenzene	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Pentachloronitrobenzene	1.0	U	1.0	0.50	ug/L		05/05/11 14:45	05/18/11 19:07	1
Pentachlorophenol	5.0	U	5.0	0.40	ug/L		05/05/11 14:45	05/18/11 19:07	1
Phenacetin	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Phenanthrene	0.20	U	0.20	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Phenol	1.0	U	1.0	0.13	ug/L		05/05/11 14:45	05/18/11 19:07	1
Phenyl ether	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Phorate	1.0	U	1.0	0.20	ug/L		05/05/11 14:45	05/18/11 19:07	1
2-Picoline	2.0	U	2.0	0.15	ug/L		05/05/11 14:45	05/18/11 19:07	1
p-Phenylenediamine	200	U	200	16	ug/L		05/05/11 14:45	05/18/11 19:07	1
Pronamide	1.0	U	1.0	0.12	ug/L		05/05/11 14:45	05/18/11 19:07	1
Pyrene	0.20	U	0.20	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Pyridine	5.0	U	5.0	0.73	ug/L		05/05/11 14:45	05/18/11 19:07	1
Safrole, Total	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
2-sec-Butyl-4,6-dinitrophenol	2.0	U	2.0	0.15	ug/L		05/05/11 14:45	05/18/11 19:07	1
Sulfotep	1.0	U	1.0	0.14	ug/L		05/05/11 14:45	05/18/11 19:07	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
Thionazin	1.0	U	1.0	0.20	ug/L		05/05/11 14:45	05/18/11 19:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.10	ug/L		05/05/11 14:45	05/18/11 19:07	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.12	ug/L		05/05/11 14:45	05/18/11 19:07	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.17	ug/L		05/05/11 14:45	05/18/11 19:07	1
1,3,5-Trinitrobenzene	1.0	U	1.0	0.50	ug/L		05/05/11 14:45	05/18/11 19:07	1

Tentatively Identified Compound	MB		Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
	Est. Result	Qualifier							
Unknown Aldol Condensate	27.6	T A J	ug/L		4.31		05/05/11 14:45	05/18/11 19:07	1
Unknown	6.15	T J	ug/L		5.34		05/05/11 14:45	05/18/11 19:07	1
Unknown	4.75	T J	ug/L		12.48		05/05/11 14:45	05/18/11 19:07	1
Unknown	20.5	T J	ug/L		12.67		05/05/11 14:45	05/18/11 19:07	1
Acetic acid, octadecyl ester	3.10	T J N	ug/L		12.76	822-23-1	05/05/11 14:45	05/18/11 19:07	1
Octadecanoic acid, butyl ester	14.4	T J N	ug/L		13.53	123-95-5	05/05/11 14:45	05/18/11 19:07	1
Tetracosane	4.44	T J N	ug/L		13.57	646-31-1	05/05/11 14:45	05/18/11 19:07	1
Eicosane, 10-methyl-	3.85	T J N	ug/L		13.98	54833-23-7	05/05/11 14:45	05/18/11 19:07	1
Eicosane, 10-methyl-	4.85	T J N	ug/L		14.37	54833-23-7	05/05/11 14:45	05/18/11 19:07	1
Eicosane	3.12	T J N	ug/L		14.73	112-95-8	05/05/11 14:45	05/18/11 19:07	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorobiphenyl	69		34 - 130			
2-Fluorophenol	61		25 - 130			

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-201990/2-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: MB 680-201990/2-A

Prep Type: Total/NA

Prep Batch: 201990

Surrogate	MB	MB	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	72	72	72	72	32 - 130	05/05/11 14:45	05/18/11 19:07	1
Phenol-d5	64	64	64	64	27 - 130	05/05/11 14:45	05/18/11 19:07	1
Terphenyl-d14	80	80	80	80	36 - 130	05/05/11 14:45	05/18/11 19:07	1
2,4,6-Tribromophenol	60	60	60	60	30 - 130	05/05/11 14:45	05/18/11 19:07	1

Lab Sample ID: LCS 680-201990/3-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: LCS 680-201990/3-A

Prep Type: Total/NA

Prep Batch: 201990

Analyte	Spike	LCS	LCS	Added	Result	Qualifier	Unit	D	% Rec	% Rec.	Limits
Acenaphthene	2.00	1.42	1.42	2.00	1.42	1.42	ug/L	71	71	42 - 130	42 - 130
Acenaphthylene	2.00	1.49	1.49	2.00	1.49	1.49	ug/L	74	74	45 - 130	45 - 130
Acetophenone	10.0	7.09	7.09	10.0	7.09	7.09	ug/L	71	71	45 - 130	45 - 130
Aniline	10.0	6.05	6.05	10.0	6.05	6.05	ug/L	60	60	10 - 130	10 - 130
Anthracene	2.00	1.49	1.49	2.00	1.49	1.49	ug/L	75	75	58 - 130	58 - 130
Benzo[a]anthracene	2.00	1.51	1.51	2.00	1.51	1.51	ug/L	76	76	42 - 143	42 - 143
Benzo[a]pyrene	2.00	1.59	1.59	2.00	1.59	1.59	ug/L	79	79	45 - 151	45 - 151
Benzo[b]fluoranthene	2.00	1.40	1.40	2.00	1.40	1.40	ug/L	70	70	41 - 140	41 - 140
Benzo[g,h,i]perylene	2.00	1.59	1.59	2.00	1.59	1.59	ug/L	79	79	27 - 134	27 - 134
Benzo[k]fluoranthene	2.00	1.63	1.63	2.00	1.63	1.63	ug/L	82	82	45 - 140	45 - 140
Benzyl alcohol	10.0	6.65	6.65	10.0	6.65	6.65	ug/L	67	67	34 - 130	34 - 130
1,1'-Biphenyl	10.0	6.62	6.62	10.0	6.62	6.62	ug/L	66	66	50 - 130	50 - 130
Bis(2-chloroethoxy)methane	10.0	7.83	7.83	10.0	7.83	7.83	ug/L	78	78	47 - 130	47 - 130
Bis(2-chloroethyl)ether	10.0	6.98	6.98	10.0	6.98	6.98	ug/L	70	70	36 - 130	36 - 130
Bis(2-ethylhexyl) phthalate	10.0	8.36	8.36	10.0	8.36	8.36	ug/L	84	84	10 - 158	10 - 158
4-Bromophenyl phenyl ether	10.0	7.17	7.17	10.0	7.17	7.17	ug/L	72	72	44 - 130	44 - 130
Butyl benzyl phthalate	10.0	8.89	8.89	10.0	8.89	8.89	ug/L	89	89	60 - 130	60 - 130
4-Chloroaniline	10.0	6.78	6.78	10.0	6.78	6.78	ug/L	68	68	17 - 130	17 - 130
4-Chloro-3-methylphenol	10.0	7.69	7.69	10.0	7.69	7.69	ug/L	77	77	54 - 130	54 - 130
2-Chloronaphthalene	10.0	6.39	6.39	10.0	6.39	6.39	ug/L	64	64	48 - 130	48 - 130
2-Chlorophenol	10.0	7.43	7.43	10.0	7.43	7.43	ug/L	74	74	45 - 130	45 - 130
4-Chlorophenyl phenyl ether	10.0	7.08	7.08	10.0	7.08	7.08	ug/L	71	71	52 - 130	52 - 130
Chrysene	2.00	1.50	1.50	2.00	1.50	1.50	ug/L	75	75	40 - 142	40 - 142
Dibenz(a,h)anthracene	2.00	1.64	1.64	2.00	1.64	1.64	ug/L	82	82	38 - 130	38 - 130
Dibenzofuran	10.0	6.82	6.82	10.0	6.82	6.82	ug/L	68	68	56 - 130	56 - 130
1,2-Dichlorobenzene	10.0	5.59	5.59	10.0	5.59	5.59	ug/L	56	56	36 - 130	36 - 130
1,3-Dichlorobenzene	10.0	5.28	5.28	10.0	5.28	5.28	ug/L	53	53	31 - 130	31 - 130
1,4-Dichlorobenzene	10.0	6.00	6.00	10.0	6.00	6.00	ug/L	60	60	34 - 130	34 - 130
3,3'-Dichlorobenzidine	10.0	8.11 J	8.11 J	10.0	8.11 J	8.11 J	ug/L	81	81	10 - 158	10 - 158
2,4-Dichlorophenol	10.0	7.78	7.78	10.0	7.78	7.78	ug/L	78	78	58 - 130	58 - 130
Diethyl phthalate	10.0	7.57	7.57	10.0	7.57	7.57	ug/L	76	76	60 - 130	60 - 130
2,4-Dimethylphenol	10.0	5.18	5.18	10.0	5.18	5.18	ug/L	52	52	41 - 130	41 - 130
Dimethyl phthalate	10.0	7.54	7.54	10.0	7.54	7.54	ug/L	75	75	58 - 130	58 - 130
Di-n-butyl phthalate	10.0	8.24	8.24	10.0	8.24	8.24	ug/L	82	82	59 - 130	59 - 130
4,6-Dinitro-2-methylphenol	10.0	9.03	9.03	10.0	9.03	9.03	ug/L	90	90	10 - 182	10 - 182
2,4-Dinitrophenol	10.0	9.33 J	9.33 J	10.0	9.33 J	9.33 J	ug/L	93	93	10 - 200	10 - 200
2,4-Dinitrotoluene	10.0	7.57	7.57	10.0	7.57	7.57	ug/L	76	76	57 - 130	57 - 130
2,6-Dinitrotoluene	10.0	7.30	7.30	10.0	7.30	7.30	ug/L	73	73	53 - 130	53 - 130
Di-n-octyl phthalate	10.0	8.85	8.85	10.0	8.85	8.85	ug/L	89	89	19 - 130	19 - 130

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCS 680-201990/3-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: LCS 680-201990/3-A

Prep Type: Total/NA

Prep Batch: 201990

Analyte	Spike Added	LCS		Unit	D	% Rec	% Rec.	Limits
		Result	Qualifier					
1,4-Dioxane	10.0	4.67		ug/L		47	10 - 130	
Fluoranthene	2.00	1.48		ug/L		74	46 - 136	
Fluorene	2.00	1.50		ug/L		75	48 - 130	
Hexachlorobenzene	10.0	6.35		ug/L		63	49 - 130	
Hexachlorobutadiene	10.0	6.04		ug/L		60	36 - 130	
Hexachlorocyclopentadiene	10.0	4.12		ug/L		41	16 - 130	
Hexachloroethane	10.0	5.87		ug/L		59	32 - 130	
Indeno[1,2,3-cd]pyrene	2.00	1.55		ug/L		78	12 - 130	
Isophorone	10.0	6.53		ug/L		65	45 - 130	
2-Methylnaphthalene	2.00	1.36		ug/L		68	51 - 130	
2-Methylphenol	10.0	7.21		ug/L		72	49 - 130	
3 & 4 Methylphenol	10.0	7.53		ug/L		75	55 - 130	
Naphthalene	2.00	1.42		ug/L		71	35 - 130	
2-Nitroaniline	10.0	7.01		ug/L		70	48 - 130	
3-Nitroaniline	10.0	7.20		ug/L		72	18 - 147	
4-Nitroaniline	10.0	9.06		ug/L		91	31 - 147	
Nitrobenzene	10.0	6.32		ug/L		63	45 - 130	
2-Nitrophenol	10.0	8.67		ug/L		87	49 - 130	
4-Nitrophenol	10.0	6.90		ug/L		69	36 - 132	
N-Nitrosodimethylamine	10.0	6.59		ug/L		66	29 - 130	
N-Nitrosodi-n-propylamine	10.0	7.59		ug/L		76	42 - 130	
N-Nitrosodiphenylamine	10.0	7.46		ug/L		75	38 - 130	
2,2'-oxybis[1-chloropropane]	10.0	7.20		ug/L		72	39 - 130	
Pentachlorophenol	10.0	7.06		ug/L		71	12 - 156	
Phenanthrene	2.00	1.48		ug/L		74	45 - 134	
Phenol	10.0	7.41		ug/L		74	44 - 130	
Pyrene	2.00	1.51		ug/L		76	47 - 143	
Pyridine	10.0	5.18		ug/L		52	10 - 130	
1,2,4-Trichlorobenzene	10.0	5.76		ug/L		58	39 - 130	
2,4,5-Trichlorophenol	10.0	8.19		ug/L		82	61 - 130	
2,4,6-Trichlorophenol	10.0	7.93		ug/L		79	61 - 130	

Surrogate	LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	73		34 - 130
2-Fluorophenol	71		25 - 130
Nitrobenzene-d5	77		32 - 130
Phenol-d5	73		27 - 130
Terphenyl-d14	79		36 - 130
2,4,6-Tribromophenol	84		30 - 130

Lab Sample ID: LCS 680-201990/5-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: LCS 680-201990/5-A

Prep Type: Total/NA

Prep Batch: 201990

Analyte	Spike Added	LCS		Unit	D	% Rec	% Rec.	Limits
		Result	Qualifier					
2-Acetylaminofluorene	10.0	10.1		ug/L		101	10 - 130	
alpha,alpha-Dimethyl phenethylamine	10.0	3.96	J	ug/L		40	10 - 130	
4-Aminobiphenyl	10.0	4.87	J	ug/L		49	10 - 130	
Aramite, Total	10.0	8.69		ug/L		87	10 - 130	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCS 680-201990/5-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: LCS 680-201990/5-A

Prep Type: Total/NA

Prep Batch: 201990

Analyte	Spike Added	LCS		Unit	D	% Rec	% Rec.	Limits
		Result	Qualifier					
Diallate	10.0	7.42		ug/L	74	10 - 130		
2,6-Dichlorophenol	10.0	7.44		ug/L	74	10 - 130		
Dimethoate	10.0	6.26		ug/L	63	10 - 130		
7,12-Dimethylbenz(a)anthracene	10.0	6.44		ug/L	64	10 - 130		
3,3'-Dimethylbenzidine	25.0	30.0		ug/L	120	10 - 130		
Disulfoton	10.0	6.49		ug/L	65	10 - 130		
Ethyl methanesulfonate	10.0	9.52		ug/L	95	10 - 130		
Ethyl Parathion	10.0	8.70		ug/L	87	10 - 130		
Famphur	10.0	1.86		ug/L	19	10 - 130		
Hexachlorophene	10.0	500 U *		ug/L	7	10 - 130		
Hexachloropropene	10.0	3.70		ug/L	37	10 - 130		
Isosafrole	10.0	7.01		ug/L	70	10 - 130		
m-Dinitrobenzene	10.0	7.40		ug/L	74	10 - 130		
Methapyrilene	10.0	27.1 J *		ug/L	271	10 - 130		
3-Methylcholanthrene	10.0	6.77		ug/L	68	10 - 130		
Methyl methanesulfonate	10.0	4.81		ug/L	48	10 - 130		
Methyl parathion	10.0	7.27		ug/L	73	10 - 130		
1-Naphthalenamine	10.0	5.48		ug/L	55	10 - 130		
2-Naphthalenamine	10.0	5.52		ug/L	55	10 - 130		
1,4-Naphthoquinone	10.0	3.08		ug/L	31	10 - 130		
5-Nitro-o-toluidine	10.0	8.38		ug/L	84	10 - 130		
4-Nitroquinoline-1-oxide	10.0	7.10		ug/L	71	10 - 130		
N-Nitrosodiethylamine	10.0	7.90		ug/L	79	10 - 130		
N-Nitrosodi-n-butylamine	10.0	7.36		ug/L	74	10 - 130		
N-Nitrosomethylalkylamine	10.0	7.48		ug/L	75	10 - 130		
N-Nitrosomorpholine	10.0	8.00		ug/L	80	10 - 130		
N-Nitrosopiperidine	10.0	7.49		ug/L	75	10 - 130		
N-Nitrosopyrrolidine	10.0	7.65		ug/L	76	10 - 130		
o,o",o"-Triethylphosphorothioate	10.0	6.73		ug/L	67	10 - 130		
o-Toluidine	10.0	5.82		ug/L	58	10 - 130		
p-Dimethylamino azobenzene	10.0	8.73		ug/L	87	10 - 130		
Pentachlorobenzene	10.0	7.03		ug/L	70	10 - 130		
Pentachloronitrobenzene	10.0	8.10		ug/L	81	10 - 130		
Phenacetin	10.0	8.24		ug/L	82	10 - 130		
Phorate	10.0	6.98		ug/L	70	10 - 130		
2-Picoline	10.0	6.86		ug/L	69	10 - 130		
p-Phenylenediamine	50.0	200 U		ug/L	16	10 - 130		
Pronamide	10.0	8.38		ug/L	84	10 - 130		
Safrole, Total	10.0	6.94		ug/L	69	10 - 130		
2-sec-Butyl-4,6-dinitrophenol	10.0	11.1		ug/L	111	10 - 130		
Sulfotep	10.0	7.43		ug/L	74	10 - 130		
1,2,4,5-Tetrachlorobenzene	10.0	6.50		ug/L	65	10 - 130		
2,3,4,6-Tetrachlorophenol	10.0	8.17		ug/L	82	10 - 130		
Thionazin	10.0	8.70		ug/L	87	10 - 130		
1,3,5-Trinitrobenzene	10.0	7.70		ug/L	77	10 - 130		

Surrogate	LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	63		34 - 130
2-Fluorophenol	62		25 - 130

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCS 680-201990/5-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: LCS 680-201990/5-A

Prep Type: Total/NA

Prep Batch: 201990

Surrogate	LCS	LCS	
	% Recovery	Qualifier	Limits
Nitrobenzene-d5	62		32 - 130
Phenol-d5	63		27 - 130
Terphenyl-d14	72		36 - 130
2,4,6-Tribromophenol	81		30 - 130

Lab Sample ID: LCSD 680-201990/4-A

Matrix: Water

Analysis Batch: 203354

Client Sample ID: LCSD 680-201990/4-A

Prep Type: Total/NA

Prep Batch: 201990

Analyte		Spike Added	LCSD		Unit	D	% Rec.	RPD	Limit	
			Result	Qualifier						
Acenaphthene		2.00	1.38		ug/L		69	42 - 130	3	50
Acenaphthylene		2.00	1.43		ug/L		71	45 - 130	4	50
Acetophenone		10.0	6.69		ug/L		67	45 - 130	6	50
Aniline		10.0	5.77		ug/L		58	10 - 130	5	50
Anthracene		2.00	1.46		ug/L		73	58 - 130	2	50
Benzo[a]anthracene		2.00	1.49		ug/L		74	42 - 143	2	50
Benzo[a]pyrene		2.00	1.58		ug/L		79	45 - 151	0	50
Benzo[b]fluoranthene		2.00	1.46		ug/L		73	41 - 140	4	50
Benzo[g,h,i]perylene		2.00	1.55		ug/L		78	27 - 134	2	50
Benzo[k]fluoranthene		2.00	1.52		ug/L		76	45 - 140	7	50
Benzyl alcohol		10.0	7.00		ug/L		70	34 - 130	5	50
1,1'-Biphenyl		10.0	6.60		ug/L		66	50 - 130	0	50
Bis(2-chloroethoxy)methane		10.0	7.60		ug/L		76	47 - 130	3	50
Bis(2-chloroethyl)ether		10.0	7.01		ug/L		70	36 - 130	1	50
Bis(2-ethylhexyl) phthalate		10.0	7.57		ug/L		76	10 - 158	10	50
4-Bromophenyl phenyl ether		10.0	7.36		ug/L		74	44 - 130	3	50
Butyl benzyl phthalate		10.0	8.31		ug/L		83	60 - 130	7	50
4-Chloroaniline		10.0	6.64		ug/L		66	17 - 130	2	50
4-Chloro-3-methylphenol		10.0	7.34		ug/L		73	54 - 130	5	50
2-Chloronaphthalene		10.0	6.37		ug/L		64	48 - 130	0	50
2-Chlorophenol		10.0	7.18		ug/L		72	45 - 130	4	50
4-Chlorophenyl phenyl ether		10.0	6.88		ug/L		69	52 - 130	3	50
Chrysene		2.00	1.41		ug/L		70	40 - 142	7	50
Dibenz(a,h)anthracene		2.00	1.60		ug/L		80	38 - 130	3	50
Dibenzofuran		10.0	6.64		ug/L		66	56 - 130	3	50
1,2-Dichlorobenzene		10.0	5.64		ug/L		56	36 - 130	1	50
1,3-Dichlorobenzene		10.0	5.37		ug/L		54	31 - 130	2	50
1,4-Dichlorobenzene		10.0	5.96		ug/L		60	34 - 130	1	50
3,3'-Dichlorobenzidine		10.0	9.17 J		ug/L		92	10 - 158	12	50
2,4-Dichlorophenol		10.0	7.45		ug/L		74	58 - 130	4	50
Diethyl phthalate		10.0	7.24		ug/L		72	60 - 130	4	50
2,4-Dimethylphenol		10.0	4.84		ug/L		48	41 - 130	7	50
Dimethyl phthalate		10.0	7.21		ug/L		72	58 - 130	5	50
Di-n-butyl phthalate		10.0	8.17		ug/L		82	59 - 130	1	50
4,6-Dinitro-2-methylphenol		10.0	8.02		ug/L		80	10 - 182	12	50
2,4-Dinitrophenol		10.0	6.50 J		ug/L		65	10 - 200	36	50
2,4-Dinitrotoluene		10.0	6.82		ug/L		68	57 - 130	10	50
2,6-Dinitrotoluene		10.0	7.15		ug/L		72	53 - 130	2	50
Di-n-octyl phthalate		10.0	7.69		ug/L		77	19 - 130	14	50

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCSD 680-201990/4-A

Client Sample ID: LCSD 680-201990/4-A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 203354

Prep Batch: 201990

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	RPD Limit
	Added	Result	Qualifier				Limits		
1,4-Dioxane	10.0	4.26		ug/L	43	10 - 130	9	50	
Fluoranthene	2.00	1.46		ug/L	73	46 - 136	1	50	
Fluorene	2.00	1.42		ug/L	71	48 - 130	6	50	
Hexachlorobenzene	10.0	6.40		ug/L	64	49 - 130	1	50	
Hexachlorobutadiene	10.0	6.04		ug/L	60	36 - 130	0	50	
Hexachlorocyclopentadiene	10.0	3.76		ug/L	38	16 - 130	9	50	
Hexachloroethane	10.0	5.75		ug/L	57	32 - 130	2	50	
Indeno[1,2,3-cd]pyrene	2.00	1.43		ug/L	72	12 - 130	8	50	
Isophorone	10.0	6.31		ug/L	63	45 - 130	3	50	
2-Methylnaphthalene	2.00	1.29		ug/L	65	51 - 130	5	50	
2-Methylphenol	10.0	6.97		ug/L	70	49 - 130	3	50	
3 & 4 Methylphenol	10.0	7.26		ug/L	73	55 - 130	4	50	
Naphthalene	2.00	1.38		ug/L	69	35 - 130	3	50	
2-Nitroaniline	10.0	6.69		ug/L	67	48 - 130	5	50	
3-Nitroaniline	10.0	7.35		ug/L	74	18 - 147	2	50	
4-Nitroaniline	10.0	8.72		ug/L	87	31 - 147	4	50	
Nitrobenzene	10.0	6.11		ug/L	61	45 - 130	3	50	
2-Nitrophenol	10.0	8.13		ug/L	81	49 - 130	6	50	
4-Nitrophenol	10.0	5.90		ug/L	59	36 - 132	16	50	
N-Nitrosodimethylamine	10.0	6.42		ug/L	64	29 - 130	3	50	
N-Nitrosodi-n-propylamine	10.0	7.21		ug/L	72	42 - 130	5	50	
N-Nitrosodiphenylamine	10.0	7.50		ug/L	75	38 - 130	0	50	
2,2'-oxybis[1-chloropropane]	10.0	6.94		ug/L	69	39 - 130	4	50	
Pentachlorophenol	10.0	3.70 J *		ug/L	37	12 - 156	62	50	
Phenanthrene	2.00	1.48		ug/L	74	45 - 134	0	50	
Phenol	10.0	7.05		ug/L	71	44 - 130	5	50	
Pyrene	2.00	1.47		ug/L	73	47 - 143	3	50	
Pyridine	10.0	5.44		ug/L	54	10 - 130	5	50	
1,2,4-Trichlorobenzene	10.0	5.68		ug/L	57	39 - 130	1	50	
2,4,5-Trichlorophenol	10.0	7.50		ug/L	75	61 - 130	9	50	
2,4,6-Trichlorophenol	10.0	7.76		ug/L	78	61 - 130	2	50	

Surrogate	LCSD	LCSD	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	70		34 - 130
2-Fluorophenol	66		25 - 130
Nitrobenzene-d5	71		32 - 130
Phenol-d5	69		27 - 130
Terphenyl-d14	74		36 - 130
2,4,6-Tribromophenol	78		30 - 130

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Lab Sample ID: MB 680-201557/22

Client Sample ID: MB 680-201557/22

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201557

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethanol	1000	U	1000	330	ug/L			04/29/11 16:24	1
Isopropanol	1000	U	1000	300	ug/L			04/29/11 16:24	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-67794-1

Project/Site: Aqualon Hopewell - GW CA APR 2011

SDG: HAQ035

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: MB 680-201557/22

Client Sample ID: MB 680-201557/22

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201557

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methanol	1000	U	1000	830	ug/L			04/29/11 16:24	1

Lab Sample ID: LCS 680-201557/20

Client Sample ID: LCS 680-201557/20

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201557

Analyte	Spike		LCS	LCS	Unit	D	% Rec	% Rec.	Limits
	Added	Result	Qualifier	Unit	D	% Rec	Limits		
Ethanol	20000	19800		ug/L		99	38 - 156		
Isopropanol	20000	20300		ug/L		102	70 - 130		
Methanol	20000	15500		ug/L		77	43 - 143		

Lab Sample ID: LCSD 680-201557/21

Client Sample ID: LCSD 680-201557/21

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201557

Analyte	Spike		LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	Limit
	Added	Result	Qualifier	Unit	D	% Rec	Limits	RPD	Limit	
Ethanol	20000	19700		ug/L		98	38 - 156	0	50	
Isopropanol	20000	20200		ug/L		101	70 - 130	1	50	
Methanol	20000	15400		ug/L		77	43 - 143	0	50	

Lab Sample ID: 680-67794-1 MS

Client Sample ID: LF-5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201557

Analyte	Sample		Spike	MS		Unit	D	% Rec	Limits
	Result	Qualifier		Added	Result	Qualifier	D	% Rec	Limits
Ethanol	1000	U	20000	19300		ug/L		97	38 - 156
Isopropanol	1000	U	20000	19900		ug/L		100	70 - 130
Methanol	1000	U	20000	15600		ug/L		78	43 - 143

Lab Sample ID: 680-67794-1 MSD

Client Sample ID: LF-5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201557

Analyte	Sample		Spike	MSD		Unit	D	% Rec	Limits	RPD	Limit
	Result	Qualifier		Added	Result	Qualifier	D	% Rec	Limits	RPD	Limit
Ethanol	1000	U	20000	18700		ug/L		94	38 - 156	3	50
Isopropanol	1000	U	20000	19300		ug/L		96	70 - 130	3	50
Methanol	1000	U	20000	14900		ug/L		75	43 - 143	4	50

Lab Sample ID: MB 680-202262/22

Client Sample ID: MB 680-202262/22

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202262

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethanol	1000	U	1000	330	ug/L			05/08/11 01:54	1
Isopropanol	1000	U	1000	300	ug/L			05/08/11 01:54	1
Methanol	1000	U	1000	830	ug/L			05/08/11 01:54	1

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-67794-1

Project/Site: Aqualon Hopewell - GW CA APR 2011

SDG: HAQ035

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: LCS 680-202262/20

Client Sample ID: LCS 680-202262/20

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202262

Analyte	Spike Added	LCS		Unit	D	% Rec.		Limits	RPD	5
		Result	Qualifier			% Rec.				
Ethanol	20000	20500		ug/L		103	38 - 156			6
Isopropanol	20000	19900		ug/L		99	70 - 130			7
Methanol	20000	21100		ug/L		106	43 - 143			8

Lab Sample ID: LCSD 680-202262/21

Client Sample ID: LCSD 680-202262/21

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202262

Analyte	Spike Added	LCSD		Unit	D	% Rec.		Limits	RPD	9
		Result	Qualifier			% Rec.				
Ethanol	20000	20500		ug/L		102	38 - 156	0	50	10
Isopropanol	20000	19800		ug/L		99	70 - 130	0	50	11
Methanol	20000	21100		ug/L		106	43 - 143	0	50	12

Lab Sample ID: MB 680-202506/11

Client Sample ID: MB 680-202506/11

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202506

Analyte	MB		RL	MB		D	Prepared	Analyzed	Dil Fac	13
	Result	Qualifier		MDL	Unit					
Ethanol	1000	U	1000	330	ug/L			05/10/11 15:38	1	14
Isopropanol	1000	U	1000	300	ug/L			05/10/11 15:38	1	
Methanol	1000	U	1000	830	ug/L			05/10/11 15:38	1	

Lab Sample ID: LCS 680-202506/9

Client Sample ID: LCS 680-202506/9

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202506

Analyte	Spike Added	LCS		Unit	D	% Rec.		Limits	RPD	13
		Result	Qualifier			% Rec.				
Ethanol	20000	24500		ug/L		123	38 - 156			14
Isopropanol	20000	24100		ug/L		120	70 - 130			
Methanol	20000	26200		ug/L		131	43 - 143			

Lab Sample ID: LCSD 680-202506/10

Client Sample ID: LCSD 680-202506/10

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202506

Analyte	Spike Added	LCSD		Unit	D	% Rec.		Limits	RPD	13
		Result	Qualifier			% Rec.				
Ethanol	20000	21700		ug/L		109	38 - 156	12	50	14
Isopropanol	20000	21400		ug/L		107	70 - 130	12	50	
Methanol	20000	22900		ug/L		114	43 - 143	13	50	

Lab Sample ID: MB 680-202840/25

Client Sample ID: MB 680-202840/25

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202840

Analyte	MB		RL	MB		D	Prepared	Analyzed	Dil Fac	13
	Result	Qualifier		MDL	Unit					
Ethanol	1000	U	1000	330	ug/L			05/12/11 20:00	1	14
Isopropanol	1000	U	1000	300	ug/L			05/12/11 20:00	1	
Methanol	1000	U	1000	830	ug/L			05/12/11 20:00	1	

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-67794-1

Project/Site: Aqualon Hopewell - GW CA APR 2011

SDG: HAQ035

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: LCS 680-202840/26

Client Sample ID: LCS 680-202840/26

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202840

Analyte	Spike Added	LCS		Unit	D	% Rec.		Limits	RPD	5
		Result	Qualifier			% Rec.				
Ethanol	20000	21500		ug/L		108	38 - 156			6
Isopropanol	20000	20900		ug/L		105	70 - 130			7
Methanol	20000	21000		ug/L		105	43 - 143			8

Lab Sample ID: LCSD 680-202840/27

Client Sample ID: LCSD 680-202840/27

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202840

Analyte	Spike Added	LCSD		Unit	D	% Rec.		RPD	Limit	9
		Result	Qualifier			% Rec.	Limits			
Ethanol	20000	22100		ug/L		111	38 - 156	3	50	10
Isopropanol	20000	21500		ug/L		108	70 - 130	3	50	11
Methanol	20000	21500		ug/L		108	43 - 143	3	50	12

Lab Sample ID: MB 680-202859/6

Client Sample ID: MB 680-202859/6

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202859

Analyte	MB		RL	MB		D	Prepared	Analyzed	Dil Fac	13
	Result	Qualifier		MDL	Unit					
Ethanol	1000	U	1000	330	ug/L			05/13/11 09:19		1
Isopropanol	1000	U	1000	300	ug/L			05/13/11 09:19		1
Methanol	1000	U	1000	830	ug/L			05/13/11 09:19		1

Lab Sample ID: LCS 680-202859/4

Client Sample ID: LCS 680-202859/4

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202859

Analyte	Spike Added	LCS		Unit	D	% Rec.		RPD	Limit	14
		Result	Qualifier			% Rec.	Limits			
Ethanol	20000	21900		ug/L		109	38 - 156			15
Isopropanol	20000	21300		ug/L		106	70 - 130			16
Methanol	20000	21200		ug/L		106	43 - 143			17

Lab Sample ID: LCSD 680-202859/5

Client Sample ID: LCSD 680-202859/5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202859

Analyte	Spike Added	LCSD		Unit	D	% Rec.		RPD	Limit	18
		Result	Qualifier			% Rec.	Limits			
Ethanol	20000	19900		ug/L		100	38 - 156	9	50	19
Isopropanol	20000	19300		ug/L		96	70 - 130	10	50	20
Methanol	20000	19400		ug/L		97	43 - 143	9	50	21

Lab Sample ID: MB 680-204798/12

Client Sample ID: MB 680-204798/12

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 204798

Analyte	MB		RL	MB		D	Prepared	Analyzed	Dil Fac	19
	Result	Qualifier		MDL	Unit					
Allyl alcohol	1000	U	1000	220	ug/L			04/29/11 16:48		1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: LCS 680-204798/2

Matrix: Water

Analysis Batch: 204798

Client Sample ID: LCS 680-204798/2

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit ug/L	D	% Rec.	RPD	Limit
Allyl alcohol	20000	19600			98	70 - 130		

Lab Sample ID: LCSD 680-204798/3

Matrix: Water

Analysis Batch: 204798

Client Sample ID: LCSD 680-204798/3

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit ug/L	D	% Rec.	RPD	Limit
Allyl alcohol	20000	20000			100	70 - 130	2	50

Lab Sample ID: MB 680-204802/5

Matrix: Water

Analysis Batch: 204802

Client Sample ID: MB 680-204802/5

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit ug/L	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220				05/06/11 16:25	1

Lab Sample ID: LCS 680-204802/3

Matrix: Water

Analysis Batch: 204802

Client Sample ID: LCS 680-204802/3

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit ug/L	D	% Rec.	RPD	Limit
Allyl alcohol	20000	19600			98	70 - 130		

Lab Sample ID: LCSD 680-204802/18

Matrix: Water

Analysis Batch: 204802

Client Sample ID: LCSD 680-204802/18

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit ug/L	D	% Rec.	RPD	Limit
Allyl alcohol	20000	19300			97	70 - 130	1	50

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 204802

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit ug/L	D	% Rec.	RPD
Allyl alcohol	1000	U	20000	18400			92	70 - 130	

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 204802

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit ug/L	D	% Rec.	RPD
Allyl alcohol	1000	U	20000	18100			91	70 - 130	1

Lab Sample ID: MB 680-204805/24

Matrix: Water

Analysis Batch: 204805

Client Sample ID: MB 680-204805/24

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit ug/L	D	Prepared	Analyzed	Dil Fac
Allyl alcohol	1000	U	1000	220				05/11/11 19:55	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-67794-1

Project/Site: Aqualon Hopewell - GW CA APR 2011

SDG: HAQ035

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: LCS 680-204805/22

Client Sample ID: LCS 680-204805/22

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 204805

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.	Limits	
		Result	Qualifier				Limits		
Allyl alcohol	20000	18500		ug/L		93	70 - 130		

Lab Sample ID: LCSD 680-204805/23

Client Sample ID: LCSD 680-204805/23

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 204805

Analyte	Spike Added	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	Limit
		Result	Qualifier				Limits		
Allyl alcohol	20000	18300		ug/L		91	70 - 130	1	50

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-201782/1-A

Client Sample ID: MB 680-201782/1-A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202087

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	100	U	100	50	ug/L		05/03/11 17:33	05/05/11 20:21	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 20:21	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:33	05/05/11 20:21	1
Barium	5.0	U	5.0	1.4	ug/L		05/03/11 17:33	05/05/11 20:21	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:33	05/05/11 20:21	1
Cadmium	0.50	U	0.50	0.13	ug/L		05/03/11 17:33	05/05/11 20:21	1
Calcium	500	U	500	170	ug/L		05/03/11 17:33	05/05/11 20:21	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:33	05/05/11 20:21	1
Cobalt	0.50	U	0.50	0.12	ug/L		05/03/11 17:33	05/05/11 20:21	1
Copper	5.0	U	5.0	1.1	ug/L		05/03/11 17:33	05/05/11 20:21	1
Iron	100	U	100	44	ug/L		05/03/11 17:33	05/05/11 20:21	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:33	05/05/11 20:21	1
Magnesium	250	U	250	100	ug/L		05/03/11 17:33	05/05/11 20:21	1
Manganese	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 20:21	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:33	05/05/11 20:21	1
Nickel	5.0	U	5.0	2.0	ug/L		05/03/11 17:33	05/05/11 20:21	1
Potassium	1000	U	1000	330	ug/L		05/03/11 17:33	05/05/11 20:21	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:33	05/05/11 20:21	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:33	05/05/11 20:21	1
Sodium	500	U	500	170	ug/L		05/03/11 17:33	05/05/11 20:21	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:33	05/05/11 20:21	1
Vanadium	10	U	10	3.2	ug/L		05/03/11 17:33	05/05/11 20:21	1
Zinc	20	U	20	8.4	ug/L		05/03/11 17:33	05/05/11 20:21	1

Lab Sample ID: LCS 680-201782/2-A

Client Sample ID: LCS 680-201782/2-A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202087

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.	Limits	
		Result	Qualifier				Limits		
Aluminum	5000	4970		ug/L		99	75 - 125		
Antimony	50.0	50.8		ug/L		102	75 - 125		
Arsenic	100	99.4		ug/L		99	75 - 125		
Barium	100	96.8		ug/L		97	75 - 125		
Beryllium	50.0	48.1		ug/L		96	75 - 125		

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-201782/2-A

Matrix: Water

Analysis Batch: 202087

Client Sample ID: LCS 680-201782/2-A

Prep Type: Total/NA

Prep Batch: 201782

Analyte	Spike Added	LCS		Unit	D	% Rec	% Rec.	Limits
		Result	Qualifier					
Cadmium	50.0	48.9		ug/L		98	100	75 - 125
Calcium	5000	5070		ug/L		101	100	75 - 125
Chromium	100	99.7		ug/L		100	100	75 - 125
Cobalt	50.0	48.2		ug/L		96	100	75 - 125
Copper	100	102		ug/L		102	100	75 - 125
Iron	5000	5120		ug/L		102	100	75 - 125
Lead	50.0	50.2		ug/L		100	100	75 - 125
Magnesium	5000	5140		ug/L		103	100	75 - 125
Manganese	500	526		ug/L		105	100	75 - 125
Mercury	5.00	4.41		ug/L		88	88	75 - 125
Nickel	100	103		ug/L		103	100	75 - 125
Potassium	5000	5210		ug/L		104	100	75 - 125
Selenium	100	98.2		ug/L		98	98	75 - 125
Silver	50.0	48.4		ug/L		97	95	75 - 125
Sodium	5000	5040		ug/L		101	100	75 - 125
Thallium	40.0	39.9		ug/L		100	100	75 - 125
Vanadium	100	98.8		ug/L		99	98	75 - 125
Zinc	100	103		ug/L		103	100	75 - 125

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 202087

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	% Rec	% Rec.
	Result	Qualifier	Added	Result	Qualifier				
Aluminum	83	J	5000	5400		ug/L		106	100
Antimony	5.0	U	50.0	50.8		ug/L		102	100
Arsenic	2.5	U	100	104		ug/L		104	100
Barium	140		100	233		ug/L		94	100
Beryllium	0.50	U	50.0	46.2		ug/L		92	90
Cadmium	0.50	U	50.0	46.7		ug/L		93	90
Calcium	150000		5000	180000	4	ug/L		503	500
Chromium	5.0	U	100	106		ug/L		106	100
Cobalt	0.36	J	50.0	45.4		ug/L		90	88
Copper	1.1	J	100	104		ug/L		104	100
Iron	4200		5000	10100		ug/L		119	110
Lead	1.5	U	50.0	47.7		ug/L		95	90
Magnesium	11000		5000	18000	F	ug/L		136	130
Manganese	980		500	1480		ug/L		100	95
Mercury	0.80	U	5.00	4.29		ug/L		86	80
Nickel	2.5	J	100	105		ug/L		102	100
Potassium	6300		5000	12000		ug/L		116	110
Selenium	2.5	U	100	102		ug/L		102	100
Silver	1.0	U	50.0	45.6		ug/L		91	90
Sodium	49000		5000	58900	4	ug/L		198	190
Thallium	1.0	U	40.0	38.1		ug/L		95	90
Vanadium	10	U	100	104		ug/L		104	100
Zinc	20	U	100	98.6		ug/L		99	95

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 202087

Client Sample ID: LF-5

Prep Type: Total/NA

Prep Batch: 201782

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Aluminum	83	J	5000	4980		ug/L		98	75 - 125	8	20
Antimony	5.0	U	50.0	50.7		ug/L		101	75 - 125	0	20
Arsenic	2.5	U	100	98.0		ug/L		98	75 - 125	6	20
Barium	140		100	228		ug/L		89	75 - 125	2	20
Beryllium	0.50	U	50.0	47.3		ug/L		95	75 - 125	2	20
Cadmium	0.50	U	50.0	47.6		ug/L		95	75 - 125	2	20
Calcium	150000		5000	158000	4	ug/L		65	75 - 125	13	20
Chromium	5.0	U	100	97.8		ug/L		98	75 - 125	8	20
Cobalt	0.36	J	50.0	46.1		ug/L		92	75 - 125	2	20
Copper	1.1	J	100	96.3		ug/L		96	75 - 125	7	20
Iron	4200		5000	9120		ug/L		99	75 - 125	10	20
Lead	1.5	U	50.0	47.8		ug/L		96	75 - 125	0	20
Magnesium	11000		5000	16000		ug/L		95	75 - 125	12	20
Manganese	980		500	1460		ug/L		97	75 - 125	1	20
Mercury	0.80	U	5.00	4.36		ug/L		87	75 - 125	2	20
Nickel	2.5	J	100	96.9		ug/L		94	75 - 125	8	20
Potassium	6300		5000	11200		ug/L		98	75 - 125	8	20
Selenium	2.5	U	100	96.3		ug/L		96	75 - 125	6	20
Silver	1.0	U	50.0	46.3		ug/L		93	75 - 125	2	20
Sodium	49000		5000	53100	4	ug/L		82	75 - 125	10	20
Thallium	1.0	U	40.0	38.1		ug/L		95	75 - 125	0	20
Vanadium	10	U	100	97.2		ug/L		97	75 - 125	7	20
Zinc	20	U	100	103		ug/L		103	75 - 125	5	20

Lab Sample ID: MB 680-201784/1-A

Matrix: Water

Analysis Batch: 202127

Client Sample ID: MB 680-201784/1-A

Prep Type: Total/NA

Prep Batch: 201784

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	100	U	100	50	ug/L		05/03/11 17:39	05/05/11 22:41	1
Antimony	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/05/11 22:41	1
Arsenic	2.5	U	2.5	1.3	ug/L		05/03/11 17:39	05/05/11 22:41	1
Barium	5.0	U	5.0	1.4	ug/L		05/03/11 17:39	05/05/11 22:41	1
Beryllium	0.50	U	0.50	0.15	ug/L		05/03/11 17:39	05/05/11 22:41	1
Cadmium	0.50	U	0.50	0.13	ug/L		05/03/11 17:39	05/05/11 22:41	1
Calcium	500	U	500	170	ug/L		05/03/11 17:39	05/05/11 22:41	1
Chromium	5.0	U	5.0	2.5	ug/L		05/03/11 17:39	05/05/11 22:41	1
Cobalt	0.50	U	0.50	0.12	ug/L		05/03/11 17:39	05/05/11 22:41	1
Copper	5.0	U	5.0	1.1	ug/L		05/03/11 17:39	05/05/11 22:41	1
Iron	100	U	100	44	ug/L		05/03/11 17:39	05/05/11 22:41	1
Lead	1.5	U	1.5	0.50	ug/L		05/03/11 17:39	05/05/11 22:41	1
Magnesium	250	U	250	100	ug/L		05/03/11 17:39	05/05/11 22:41	1
Manganese	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/05/11 22:41	1
Mercury	0.80	U	0.80	0.40	ug/L		05/03/11 17:39	05/05/11 22:41	1
Nickel	5.0	U	5.0	2.0	ug/L		05/03/11 17:39	05/05/11 22:41	1
Potassium	1000	U	1000	330	ug/L		05/03/11 17:39	05/05/11 22:41	1
Selenium	2.5	U	2.5	1.1	ug/L		05/03/11 17:39	05/05/11 22:41	1
Silver	1.0	U	1.0	0.18	ug/L		05/03/11 17:39	05/05/11 22:41	1
Sodium	500	U	500	170	ug/L		05/03/11 17:39	05/05/11 22:41	1
Thallium	1.0	U	1.0	0.25	ug/L		05/03/11 17:39	05/05/11 22:41	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-201784/1-A

Matrix: Water

Analysis Batch: 202127

Client Sample ID: MB 680-201784/1-A

Prep Type: Total/NA

Prep Batch: 201784

Analyte	MB		MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Result	Qualifier							
Vanadium	10	U			10	3.2	ug/L		05/03/11 17:39	05/05/11 22:41	1
Zinc	20	U			20	8.4	ug/L		05/03/11 17:39	05/05/11 22:41	1

Lab Sample ID: LCS 680-201784/2-A

Matrix: Water

Analysis Batch: 202127

Client Sample ID: LCS 680-201784/2-A

Prep Type: Total/NA

Prep Batch: 201784

Analyte	Spike Added	LCS		Unit	D	% Rec	Limits
		Result	Qualifier				
Aluminum	5000	4870		ug/L		97	75 - 125
Antimony	50.0	51.3		ug/L		103	75 - 125
Arsenic	100	95.0		ug/L		95	75 - 125
Barium	100	97.1		ug/L		97	75 - 125
Beryllium	50.0	48.0		ug/L		96	75 - 125
Cadmium	50.0	48.5		ug/L		97	75 - 125
Calcium	5000	4950		ug/L		99	75 - 125
Chromium	100	94.2		ug/L		94	75 - 125
Cobalt	50.0	47.5		ug/L		95	75 - 125
Copper	100	96.6		ug/L		97	75 - 125
Iron	5000	5000		ug/L		100	75 - 125
Lead	50.0	48.6		ug/L		97	75 - 125
Magnesium	5000	5040		ug/L		101	75 - 125
Manganese	500	530		ug/L		106	75 - 125
Mercury	5.00	4.34		ug/L		87	75 - 125
Nickel	100	97.0		ug/L		97	75 - 125
Potassium	5000	5020		ug/L		100	75 - 125
Selenium	100	96.1		ug/L		96	75 - 125
Silver	50.0	48.2		ug/L		96	75 - 125
Sodium	5000	4870		ug/L		97	75 - 125
Thallium	40.0	38.5		ug/L		96	75 - 125
Vanadium	100	94.0		ug/L		94	75 - 125
Zinc	100	101		ug/L		101	75 - 125

Lab Sample ID: 680-67837-1 MS

Matrix: Water

Analysis Batch: 202127

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Prep Batch: 201784

Analyte	Sample		Spike Added	MS		Unit	D	% Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aluminum	470		5000	6480		ug/L		120	75 - 125
Antimony	5.0	U	50.0	52.6		ug/L		105	75 - 125
Arsenic	5.6		100	108		ug/L		102	75 - 125
Barium	46		100	151		ug/L		105	75 - 125
Beryllium	0.22	J	50.0	49.2		ug/L		98	75 - 125
Cadmium	0.23	J	50.0	47.4		ug/L		94	75 - 125
Calcium	85000		5000	98200	4	ug/L		265	75 - 125
Chromium	6.7		100	115		ug/L		108	75 - 125
Cobalt	120		50.0	173		ug/L		97	75 - 125
Copper	6.2		100	107		ug/L		100	75 - 125
Iron	96000		5000	110000	4	ug/L		285	75 - 125
Lead	0.68	J	50.0	47.5		ug/L		94	75 - 125
Magnesium	160000		5000	183000	4	ug/L		396	75 - 125

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-67837-1 MS

Matrix: Water

Analysis Batch: 202127

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Prep Batch: 201784

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier						
Mercury	0.80	U	5.00	4.75		ug/L		95	75 - 125		
Nickel	68		100	176		ug/L		107	75 - 125		
Potassium	2200		5000	7600		ug/L		109	75 - 125		
Selenium	2.5	U	100	102		ug/L		102	75 - 125		
Silver	0.19	J	50.0	46.6		ug/L		93	75 - 125		
Thallium	1.0	U	40.0	37.3		ug/L		93	75 - 125		
Vanadium	3.9	J	100	110		ug/L		106	75 - 125		
Zinc	25		100	115		ug/L		90	75 - 125		

Lab Sample ID: 680-67837-1 MS

Matrix: Water

Analysis Batch: 202127

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Prep Batch: 201784

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier						
Manganese	12000		500	12500	4	ug/L		116	75 - 125		
Sodium	490000		5000	504000	4	ug/L		281	75 - 125		

Lab Sample ID: 680-67837-1 MSD

Matrix: Water

Analysis Batch: 202127

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Prep Batch: 201784

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Aluminum	470		5000	6030		ug/L		111	75 - 125	7	20
Antimony	5.0	U	50.0	52.2		ug/L		104	75 - 125	1	20
Arsenic	5.6		100	105		ug/L		99	75 - 125	3	20
Barium	46		100	158		ug/L		112	75 - 125	4	20
Beryllium	0.22	J	50.0	48.5		ug/L		96	75 - 125	2	20
Cadmium	0.23	J	50.0	47.2		ug/L		94	75 - 125	0	20
Calcium	85000		5000	91500	4	ug/L		130	75 - 125	7	20
Chromium	6.7		100	109		ug/L		102	75 - 125	5	20
Cobalt	120		50.0	172		ug/L		95	75 - 125	1	20
Copper	6.2		100	102		ug/L		96	75 - 125	4	20
Iron	96000		5000	102000	4	ug/L		112	75 - 125	8	20
Lead	0.68	J	50.0	46.5		ug/L		92	75 - 125	2	20
Magnesium	160000		5000	169000	4	ug/L		121	75 - 125	8	20
Mercury	0.80	U	5.00	4.77		ug/L		95	75 - 125	0	20
Nickel	68		100	168		ug/L		100	75 - 125	4	20
Potassium	2200		5000	7440		ug/L		105	75 - 125	2	20
Selenium	2.5	U	100	97.0		ug/L		97	75 - 125	5	20
Silver	0.19	J	50.0	46.4		ug/L		92	75 - 125	0	20
Thallium	1.0	U	40.0	37.0		ug/L		93	75 - 125	1	20
Vanadium	3.9	J	100	105		ug/L		101	75 - 125	5	20
Zinc	25		100	114		ug/L		89	75 - 125	1	20

Lab Sample ID: 680-67837-1 MSD

Matrix: Water

Analysis Batch: 202127

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Prep Batch: 201784

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Manganese	12000		500	12400	4	ug/L		113	75 - 125	0	20

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-67837-1 MSD

Client Sample ID: RAB-MW2

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202127

Prep Batch: 201784

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier				
Sodium	490000		5000	495000	4	ug/L		108	75 - 125
									2
									20

Method: 325.2 - Chloride

Lab Sample ID: MB 680-202965/17

Client Sample ID: MB 680-202965/17

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202965

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	1000	U	1000	180	ug/L			05/14/11 13:10	1

Lab Sample ID: LCS 680-202965/2

Client Sample ID: LCS 680-202965/2

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202965

Analyte	Spike	LCS	LCS	Unit	D	% Rec.	Limits	Dil Fac
	Added							
Chloride	50000	50500		ug/L		101	85 - 115	

Lab Sample ID: 680-67794-1 MS

Client Sample ID: LF-5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202965

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Chloride	130000		50000	171000	F	ug/L		76	85 - 115

Lab Sample ID: 680-67794-1 MSD

Client Sample ID: LF-5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202965

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier				
Chloride	130000		50000	171000	F	ug/L		77	85 - 115
									0
									30

Lab Sample ID: MB 680-203198/33

Client Sample ID: MB 680-203198/33

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 203198

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	1000	U	1000	180	ug/L			05/17/11 11:29	1

Lab Sample ID: LCS 680-203198/2

Client Sample ID: LCS 680-203198/2

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 203198

Analyte	Spike	LCS	LCS	Unit	D	% Rec.	Limits	Dil Fac
	Added							
Chloride	50000	51100		ug/L		102	85 - 115	

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 325.2 - Chloride (Continued)

Lab Sample ID: 680-67837-1 MS

Matrix: Water

Analysis Batch: 203198

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec.	Limits		
	Result	Qualifier	Added	Result	Qualifier						
Chloride	530000		50000	564000	4	ug/L		70	85 - 115		

Lab Sample ID: 680-67837-1 MSD

Matrix: Water

Analysis Batch: 203198

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Chloride	530000		50000	553000	4	ug/L		48	85 - 115	2	30

Lab Sample ID: 680-67837-10 DU

Matrix: Water

Analysis Batch: 203198

Client Sample ID: MW-7U

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				
Chloride	2100000			1960000		ug/L		7	30

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 680-202674/1-A

Client Sample ID: MB 680-202674/1-A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202820

Prep Batch: 202674

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nitrogen, Kjeldahl	200	U	200	150	ug/L		05/11/11 19:55	05/12/11 15:39	1

Lab Sample ID: LCS 680-202674/2-A

Client Sample ID: LCS 680-202674/2-A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202820

Prep Batch: 202674

Analyte	Spike	LCS	LCS	Unit	D	% Rec.	Limits
	Added						
Nitrogen, Kjeldahl	1000	963		ug/L		96	75 - 125

Lab Sample ID: 680-67794-1 MS

Client Sample ID: LF-5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202881

Prep Batch: 202674

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Nitrogen, Kjeldahl	340		1000	1290		ug/L		95	75 - 125

Lab Sample ID: 680-67794-1 MSD

Client Sample ID: LF-5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202881

Prep Batch: 202674

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier				
Nitrogen, Kjeldahl	340		1000	1190		ug/L		85	75 - 125

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MB 680-203165/1-A

Matrix: Water

Analysis Batch: 203380

Client Sample ID: MB 680-203165/1-A

Prep Type: Total/NA

Prep Batch: 203165

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	200	U	200	150	ug/L		05/17/11 10:30	05/18/11 15:45	1

Lab Sample ID: LCS 680-203165/2-A

Matrix: Water

Analysis Batch: 203380

Client Sample ID: LCS 680-203165/2-A

Prep Type: Total/NA

Prep Batch: 203165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec.	Limits
Nitrogen, Kjeldahl	1000	906		ug/L		91	75 - 125

Lab Sample ID: 680-67837-1 DU

Matrix: Water

Analysis Batch: 203380

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Prep Batch: 203165

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Nitrogen, Kjeldahl	1500		1650		ug/L		8	40

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-201550/3

Matrix: Water

Analysis Batch: 201550

Client Sample ID: MB 680-201550/3

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	50	U	50	10	ug/L			04/28/11 17:07	1
Nitrate Nitrite as N	50	U	50	10	ug/L			04/28/11 17:07	1
Nitrite as N	50	U	50	10	ug/L			04/28/11 17:07	1

Lab Sample ID: LCS 680-201550/4

Matrix: Water

Analysis Batch: 201550

Client Sample ID: LCS 680-201550/4

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec.	Limits
Nitrate as N	500	505		ug/L		101	
Nitrate Nitrite as N	1000	991		ug/L		99	90 - 110
Nitrite as N	500	486		ug/L		97	90 - 110

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 201550

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec.	Limits
Nitrate as N	50	U	500	536		ug/L		107	
Nitrate Nitrite as N	50		1000	1050		ug/L		105	90 - 110
Nitrite as N	50	U	500	518		ug/L		104	90 - 110

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 201550

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec.	RPD
Nitrate as N	50	U	500	532		ug/L		106	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-67794-1

Project/Site: Aqualon Hopewell - GW CA APR 2011

SDG: HAQ035

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 680-67794-1 MSD

Client Sample ID: LF-5

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201550

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Nitrate Nitrite as N	50		1000	1050		ug/L		105	90 - 110	0	10
Nitrite as N	50	U	500	518		ug/L		104	90 - 110	0	10

Lab Sample ID: 680-67794-11 DU

Client Sample ID: WWL-3U

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201550

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD Limit
	Result	Qualifier	Result	Qualifier				
Nitrate as N	50	U	50	U	ug/L		NC	
Nitrate Nitrite as N	10		10.8	J	ug/L		4	10
Nitrite as N	50	U	50	U	ug/L		NC	10

Lab Sample ID: MB 680-201552/14

Client Sample ID: MB 680-201552/14

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201552

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nitrate as N	50	U	50	10	ug/L			04/29/11 17:24	1
Nitrate Nitrite as N	50	U	50	10	ug/L			04/29/11 17:24	1
Nitrite as N	50	U	50	10	ug/L			04/29/11 17:24	1

Lab Sample ID: LCS 680-201552/15

Client Sample ID: LCS 680-201552/15

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201552

Analyte	Spike	LCS	LCS	Unit	D	% Rec.	Limits
	Added						
Nitrate as N	500	477		ug/L		95	
Nitrate Nitrite as N	1000	959		ug/L		96	90 - 110
Nitrite as N	500	483		ug/L		97	90 - 110

Lab Sample ID: 680-67837-6 DU

Client Sample ID: NAT-1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 201552

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD Limit
	Result	Qualifier	Result	Qualifier				
Nitrate as N	13000		13300		ug/L		0.7	
Nitrate Nitrite as N	13000		13300		ug/L		0.9	10
Nitrite as N	1000	U	1000	U	ug/L		NC	10

Method: 375.4 - Sulfate

Lab Sample ID: MB 680-202914/1

Client Sample ID: MB 680-202914/1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 202914

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Sulfate	5000	U	5000	2500	ug/L			05/13/11 13:42	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 375.4 - Sulfate (Continued)

Lab Sample ID: LCS 680-202914/2

Matrix: Water

Analysis Batch: 202914

Client Sample ID: LCS 680-202914/2

Prep Type: Total/NA

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
Sulfate		20000	21200		ug/L		106	75 - 125	

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 202914

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfate	180000		20000	193000	4	ug/L		82	75 - 125

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 202914

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Sulfate	180000		20000	190000	4	ug/L		67	75 - 125	2	30

Lab Sample ID: MB 680-203200/1

Matrix: Water

Analysis Batch: 203200

Client Sample ID: MB 680-203200/1

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	5000	U	5000	2500	ug/L			05/17/11 13:23	1

Lab Sample ID: LCS 680-203200/2

Matrix: Water

Analysis Batch: 203200

Client Sample ID: LCS 680-203200/2

Prep Type: Total/NA

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfate		20000	18900		ug/L		94	75 - 125

Lab Sample ID: 680-67837-1 MS

Matrix: Water

Analysis Batch: 203200

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfate	1200000		20000	1210000	4	ug/L		92	75 - 125

Lab Sample ID: 680-67837-1 MSD

Matrix: Water

Analysis Batch: 203200

Client Sample ID: RAB-MW2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Sulfate	1200000		20000	1190000	4	ug/L		22	75 - 125	1	30

Lab Sample ID: 680-67837-11 DU

Matrix: Water

Analysis Batch: 203200

Client Sample ID: MW-7L

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Sulfate	32000			31400		ug/L			0.7	30

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Method: 9060 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-202912/12

Matrix: Water

Analysis Batch: 202912

Client Sample ID: MB 680-202912/12

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	500	ug/L			05/13/11 09:35	1

Lab Sample ID: LCS 680-202912/13

Matrix: Water

Analysis Batch: 202912

Client Sample ID: LCS 680-202912/13

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec.	Limits
Total Organic Carbon	20000	21200		ug/L		106	80 - 120

Lab Sample ID: 680-67794-1 MS

Matrix: Water

Analysis Batch: 202912

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec.	Limits
Total Organic Carbon	1300		20000	21200		ug/L		100	80 - 120

Lab Sample ID: 680-67794-1 MSD

Matrix: Water

Analysis Batch: 202912

Client Sample ID: LF-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec.	RPD	RPD	Limit
Total Organic Carbon	1300		20000	21000		ug/L		98	80 - 120	1	25

Lab Sample ID: 680-67794-2 DU

Matrix: Water

Analysis Batch: 202912

Client Sample ID: LF-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Organic Carbon	600	J	590	J	ug/L		2	25

Lab Sample ID: MB 680-203175/2

Matrix: Water

Analysis Batch: 203175

Client Sample ID: MB 680-203175/2

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	500	ug/L			05/16/11 15:01	1

Lab Sample ID: LCS 680-203175/3

Matrix: Water

Analysis Batch: 203175

Client Sample ID: LCS 680-203175/3

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec.	Limits
Total Organic Carbon	20000	20600		ug/L		103	80 - 120

Lab Sample ID: MB 680-203407/2

Matrix: Water

Analysis Batch: 203407

Client Sample ID: MB 680-203407/2

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	500	ug/L			05/17/11 12:03	1

TestAmerica Savannah

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-67794-1

Project/Site: Aqualon Hopewell - GW CA APR 2011

SDG: HAQ035

Method: 9060 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 680-203407/3

Matrix: Water

Analysis Batch: 203407

Client Sample ID: LCS 680-203407/3

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec.	% Rec.
Total Organic Carbon	20000	17000		ug/L		85	80 - 120

Lab Sample ID: 680-67837-11 MS

Matrix: Water

Analysis Batch: 203407

Client Sample ID: MW-7L

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec.	% Rec.
Total Organic Carbon	690	J	20000	19800		ug/L		95	80 - 120

Lab Sample ID: 680-67837-11 MSD

Matrix: Water

Analysis Batch: 203407

Client Sample ID: MW-7L

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec.	% Rec.	RPD
Total Organic Carbon	690	J	20000	18500		ug/L		89	80 - 120	6

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

GC/MS VOA

Analysis Batch: 201744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-201744/4	LCS 680-201744/4	Total/NA	Water	8260B	
680-67794-9	Equipment Blank	Total/NA	Water	8260B	
680-67794-1	LF-5	Total/NA	Water	8260B	
680-67794-2	LF-4	Total/NA	Water	8260B	
LCSD 680-201744/14	LCSD 680-201744/14	Total/NA	Water	8260B	
MB 680-201744/17	MB 680-201744/17	Total/NA	Water	8260B	

Analysis Batch: 201921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-201921/6	LCS 680-201921/6	Total/NA	Water	8260B	
LCSD 680-201921/7	LCSD 680-201921/7	Total/NA	Water	8260B	
MB 680-201921/9	MB 680-201921/9	Total/NA	Water	8260B	
680-67794-4	LF-2	Total/NA	Water	8260B	
680-67794-6	WWL-2	Total/NA	Water	8260B	
680-67794-3	LF-1	Total/NA	Water	8260B	
680-67794-5 - DL	LF-3	Total/NA	Water	8260B	
680-67794-7	WWL-1	Total/NA	Water	8260B	
680-67794-10	WWL-3L	Total/NA	Water	8260B	

Analysis Batch: 201923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-5	LF-3	Total/NA	Water	8260B	
680-67794-11	WWL-3U	Total/NA	Water	8260B	
LCS 680-201923/11	LCS 680-201923/11	Total/NA	Water	8260B	
MB 680-201923/12	MB 680-201923/12	Total/NA	Water	8260B	
LCSD 680-201923/15	LCSD 680-201923/15	Total/NA	Water	8260B	

Analysis Batch: 201948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-9	Field Blank	Total/NA	Water	8260B	
680-67837-12	Trip Blank 3	Total/NA	Water	8260B	
LCS 680-201948/10	LCS 680-201948/10	Total/NA	Water	8260B	
LCSD 680-201948/11	LCSD 680-201948/11	Total/NA	Water	8260B	
MB 680-201948/13	MB 680-201948/13	Total/NA	Water	8260B	
680-67837-2	RAB-MW4	Total/NA	Water	8260B	
680-67837-5	NAT-2	Total/NA	Water	8260B	
680-67837-7	RAB-MW3	Total/NA	Water	8260B	
680-67837-11	MW-7L	Total/NA	Water	8260B	
680-67794-8	Trip Blank 2	Total/NA	Water	8260B	
680-67794-1 MS	LF-5	Total/NA	Water	8260B	
680-67794-1 MSD	LF-5	Total/NA	Water	8260B	

Analysis Batch: 202067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-6	NAT-1	Total/NA	Water	8260B	
680-67837-8	MW-10	Total/NA	Water	8260B	
680-67837-7 - DL	RAB-MW3	Total/NA	Water	8260B	
LCS 680-202067/8	LCS 680-202067/8	Total/NA	Water	8260B	
LCSD 680-202067/9	LCSD 680-202067/9	Total/NA	Water	8260B	
MB 680-202067/11	MB 680-202067/11	Total/NA	Water	8260B	
680-67837-10	MW-7U	Total/NA	Water	8260B	
680-67837-1	RAB-MW2	Total/NA	Water	8260B	

TestAmerica Savannah

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

GC/MS VOA (Continued)

Analysis Batch: 202067 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-3	Field Dup	Total/NA	Water	8260B	
680-67837-4	NAT-3	Total/NA	Water	8260B	

Analysis Batch: 202151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-1 - DL	RAB-MW2	Total/NA	Water	8260B	
LCS 680-202151/6	LCS 680-202151/6	Total/NA	Water	8260B	
MB 680-202151/7	MB 680-202151/7	Total/NA	Water	8260B	
LCSD 680-202151/8	LCSD 680-202151/8	Total/NA	Water	8260B	
680-67837-5 - DL	NAT-2	Total/NA	Water	8260B	
680-67837-3 - DL	Field Dup	Total/NA	Water	8260B	
680-67837-4 - DL	NAT-3	Total/NA	Water	8260B	

Analysis Batch: 203845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-203845/12	LCS 680-203845/12	Total/NA	Water	8260B	
LCSD 680-203845/13	LCSD 680-203845/13	Total/NA	Water	8260B	
MB 680-203845/15	MB 680-203845/15	Total/NA	Water	8260B	
680-67794-11 - RA	WWL-3U	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 201675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-1	LF-5	Total/NA	Water	3520C	
680-67794-2	LF-4	Total/NA	Water	3520C	
680-67794-3	LF-1	Total/NA	Water	3520C	
680-67794-5	LF-3	Total/NA	Water	3520C	
680-67794-9	Equipment Blank	Total/NA	Water	3520C	
680-67794-10	WWL-3L	Total/NA	Water	3520C	
680-67794-11	WWL-3U	Total/NA	Water	3520C	
680-67837-3	Field Dup	Total/NA	Water	3520C	
680-67837-4	NAT-3	Total/NA	Water	3520C	
680-67837-5	NAT-2	Total/NA	Water	3520C	
680-67837-8	MW-10	Total/NA	Water	3520C	
680-67837-10	MW-7U	Total/NA	Water	3520C	
680-67837-11	MW-7L	Total/NA	Water	3520C	
MB 680-201675/18-A	MB 680-201675/18-A	Total/NA	Water	3520C	
LCS 680-201675/19-A	LCS 680-201675/19-A	Total/NA	Water	3520C	
680-67794-1 MS	LF-5	Total/NA	Water	3520C	
680-67794-1 MSD	LF-5	Total/NA	Water	3520C	
LCS 680-201675/22-A	LCS 680-201675/22-A	Total/NA	Water	3520C	
680-67794-1 MS	LF-5	Total/NA	Water	3520C	
680-67794-1 MSD	LF-5	Total/NA	Water	3520C	

Prep Batch: 201990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-9	Field Blank	Total/NA	Water	3520C	
MB 680-201990/2-A	MB 680-201990/2-A	Total/NA	Water	3520C	
LCS 680-201990/3-A	LCS 680-201990/3-A	Total/NA	Water	3520C	
LCSD 680-201990/4-A	LCSD 680-201990/4-A	Total/NA	Water	3520C	
LCS 680-201990/5-A	LCS 680-201990/5-A	Total/NA	Water	3520C	

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

GC/MS Semi VOA (Continued)

Analysis Batch: 202264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-201675/18-A	MB 680-201675/18-A	Total/NA	Water	8270C LL	201675

Analysis Batch: 202342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-201675/19-A	LCS 680-201675/19-A	Total/NA	Water	8270C LL	201675
680-67794-1	LF-5	Total/NA	Water	8270C LL	201675
680-67794-2	LF-4	Total/NA	Water	8270C LL	201675
680-67794-3	LF-1	Total/NA	Water	8270C LL	201675
680-67794-5	LF-3	Total/NA	Water	8270C LL	201675
680-67794-9	Equipment Blank	Total/NA	Water	8270C LL	201675
680-67794-10	WWL-3L	Total/NA	Water	8270C LL	201675
680-67794-11	WWL-3U	Total/NA	Water	8270C LL	201675
680-67794-1 MS	LF-5	Total/NA	Water	8270C LL	201675
680-67794-1 MSD	LF-5	Total/NA	Water	8270C LL	201675
680-67794-1 MS	LF-5	Total/NA	Water	8270C LL	201675
680-67794-1 MSD	LF-5	Total/NA	Water	8270C LL	201675
680-67837-3	Field Dup	Total/NA	Water	8270C LL	201675
680-67837-4	NAT-3	Total/NA	Water	8270C LL	201675

Analysis Batch: 203354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-201675/22-A	LCS 680-201675/22-A	Total/NA	Water	8270C LL	201675
680-67837-5	NAT-2	Total/NA	Water	8270C LL	201675
680-67837-8	MW-10	Total/NA	Water	8270C LL	201675
680-67837-10	MW-7U	Total/NA	Water	8270C LL	201675
680-67837-11	MW-7L	Total/NA	Water	8270C LL	201675
680-67837-9	Field Blank	Total/NA	Water	8270C LL	201990
MB 680-201990/2-A	MB 680-201990/2-A	Total/NA	Water	8270C LL	201990
LCS 680-201990/3-A	LCS 680-201990/3-A	Total/NA	Water	8270C LL	201990
LCSD 680-201990/4-A	LCSD 680-201990/4-A	Total/NA	Water	8270C LL	201990
LCS 680-201990/5-A	LCS 680-201990/5-A	Total/NA	Water	8270C LL	201990

GC VOA

Analysis Batch: 201557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-1	LF-5	Total/NA	Water	8015B	
680-67794-1 MS	LF-5	Total/NA	Water	8015B	
680-67794-1 MSD	LF-5	Total/NA	Water	8015B	
LCS 680-201557/20	LCS 680-201557/20	Total/NA	Water	8015B	
LCSD 680-201557/21	LCSD 680-201557/21	Total/NA	Water	8015B	
MB 680-201557/22	MB 680-201557/22	Total/NA	Water	8015B	

Analysis Batch: 202262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-3	LF-1	Total/NA	Water	8015B	
680-67794-4	LF-2	Total/NA	Water	8015B	
680-67794-5	LF-3	Total/NA	Water	8015B	
680-67794-6	WWL-2	Total/NA	Water	8015B	
680-67794-7	WWL-1	Total/NA	Water	8015B	
680-67794-9	Equipment Blank	Total/NA	Water	8015B	
680-67794-10	WWL-3L	Total/NA	Water	8015B	

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

GC VOA (Continued)

Analysis Batch: 202262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-11	WWL-3U	Total/NA	Water	8015B	
680-67837-1	RAB-MW2	Total/NA	Water	8015B	
680-67837-2	RAB-MW4	Total/NA	Water	8015B	
LCS 680-202262/20	LCS 680-202262/20	Total/NA	Water	8015B	
LCSD 680-202262/21	LCSD 680-202262/21	Total/NA	Water	8015B	
MB 680-202262/22	MB 680-202262/22	Total/NA	Water	8015B	

Analysis Batch: 202506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-2	LF-4	Total/NA	Water	8015B	
LCS 680-202506/9	LCS 680-202506/9	Total/NA	Water	8015B	
LCSD 680-202506/10	LCSD 680-202506/10	Total/NA	Water	8015B	
MB 680-202506/11	MB 680-202506/11	Total/NA	Water	8015B	

Analysis Batch: 202840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-3	Field Dup	Total/NA	Water	8015B	
680-67837-4	NAT-3	Total/NA	Water	8015B	
680-67837-5	NAT-2	Total/NA	Water	8015B	
680-67837-6	NAT-1	Total/NA	Water	8015B	
680-67837-7	RAB-MW3	Total/NA	Water	8015B	
680-67837-8	MW-10	Total/NA	Water	8015B	
680-67837-9	Field Blank	Total/NA	Water	8015B	
680-67837-10	MW-7U	Total/NA	Water	8015B	
680-67837-11	MW-7L	Total/NA	Water	8015B	
MB 680-202840/25	MB 680-202840/25	Total/NA	Water	8015B	
LCS 680-202840/26	LCS 680-202840/26	Total/NA	Water	8015B	
LCSD 680-202840/27	LCSD 680-202840/27	Total/NA	Water	8015B	

Analysis Batch: 202859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-202859/4	LCS 680-202859/4	Total/NA	Water	8015B	
LCSD 680-202859/5	LCSD 680-202859/5	Total/NA	Water	8015B	
MB 680-202859/6	MB 680-202859/6	Total/NA	Water	8015B	
680-67837-5 - DL	NAT-2	Total/NA	Water	8015B	

Analysis Batch: 204798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-204798/2	LCS 680-204798/2	Total/NA	Water	8015B	
LCSD 680-204798/3	LCSD 680-204798/3	Total/NA	Water	8015B	
680-67794-1	LF-5	Total/NA	Water	8015B	
MB 680-204798/12	MB 680-204798/12	Total/NA	Water	8015B	

Analysis Batch: 204802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-1 MS	LF-5	Total/NA	Water	8015B	
LCS 680-204802/3	LCS 680-204802/3	Total/NA	Water	8015B	
MB 680-204802/5	MB 680-204802/5	Total/NA	Water	8015B	
680-67794-1 MSD	LF-5	Total/NA	Water	8015B	
680-67794-2	LF-4	Total/NA	Water	8015B	
680-67794-3	LF-1	Total/NA	Water	8015B	
680-67794-4	LF-2	Total/NA	Water	8015B	

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

GC VOA (Continued)

Analysis Batch: 204802 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-5	LF-3	Total/NA	Water	8015B	
680-67794-6	WWL-2	Total/NA	Water	8015B	
680-67794-7	WWL-1	Total/NA	Water	8015B	
680-67794-9	Equipment Blank	Total/NA	Water	8015B	
680-67794-10	WWL-3L	Total/NA	Water	8015B	
680-67794-11	WWL-3U	Total/NA	Water	8015B	
680-67837-1	RAB-MW2	Total/NA	Water	8015B	
680-67837-2	RAB-MW4	Total/NA	Water	8015B	
LCSD 680-204802/18	LCSD 680-204802/18	Total/NA	Water	8015B	

Analysis Batch: 204805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-3	Field Dup	Total/NA	Water	8015B	
680-67837-4	NAT-3	Total/NA	Water	8015B	
680-67837-5	NAT-2	Total/NA	Water	8015B	
680-67837-6	NAT-1	Total/NA	Water	8015B	
680-67837-7	RAB-MW3	Total/NA	Water	8015B	
680-67837-8	MW-10	Total/NA	Water	8015B	
680-67837-9	Field Blank	Total/NA	Water	8015B	
680-67837-10	MW-7U	Total/NA	Water	8015B	
680-67837-11	MW-7L	Total/NA	Water	8015B	
LCS 680-204805/22	LCS 680-204805/22	Total/NA	Water	8015B	
LCSD 680-204805/23	LCSD 680-204805/23	Total/NA	Water	8015B	
MB 680-204805/24	MB 680-204805/24	Total/NA	Water	8015B	

Metals

Prep Batch: 201782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-201782/1-A	MB 680-201782/1-A	Total/NA	Water	3010A	
LCS 680-201782/2-A	LCS 680-201782/2-A	Total/NA	Water	3010A	
680-67794-1	LF-5	Total/NA	Water	3010A	
680-67794-1 MS	LF-5	Total/NA	Water	3010A	
680-67794-1 MSD	LF-5	Total/NA	Water	3010A	
680-67794-2	LF-4	Total/NA	Water	3010A	
680-67794-3	LF-1	Total/NA	Water	3010A	
680-67794-4	LF-2	Total/NA	Water	3010A	
680-67794-5	LF-3	Total/NA	Water	3010A	
680-67794-6	WWL-2	Total/NA	Water	3010A	
680-67794-6	WWL-2	Total/NA	Water	3010A	
680-67794-7	WWL-1	Total/NA	Water	3010A	
680-67794-7	WWL-1	Total/NA	Water	3010A	
680-67794-9	Equipment Blank	Total/NA	Water	3010A	
680-67794-10	WWL-3L	Total/NA	Water	3010A	
680-67794-10	WWL-3L	Total/NA	Water	3010A	
680-67794-11	WWL-3U	Total/NA	Water	3010A	

Prep Batch: 201784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-201784/1-A	MB 680-201784/1-A	Total/NA	Water	3010A	
LCS 680-201784/2-A	LCS 680-201784/2-A	Total/NA	Water	3010A	
680-67837-1	RAB-MW2	Total/NA	Water	3010A	

TestAmerica Savannah

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Metals (Continued)

Prep Batch: 201784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-1	RAB-MW2	Total/NA	Water	3010A	1
680-67837-1 MS	RAB-MW2	Total/NA	Water	3010A	2
680-67837-1 MS	RAB-MW2	Total/NA	Water	3010A	3
680-67837-1 MSD	RAB-MW2	Total/NA	Water	3010A	4
680-67837-1 MSD	RAB-MW2	Total/NA	Water	3010A	5
680-67837-2	RAB-MW4	Total/NA	Water	3010A	6
680-67837-3	Field Dup	Total/NA	Water	3010A	7
680-67837-3	Field Dup	Total/NA	Water	3010A	8
680-67837-4	NAT-3	Total/NA	Water	3010A	9
680-67837-4	NAT-3	Total/NA	Water	3010A	10
680-67837-5	NAT-2	Total/NA	Water	3010A	11
680-67837-6	NAT-1	Total/NA	Water	3010A	12
680-67837-7	RAB-MW3	Total/NA	Water	3010A	13
680-67837-8	MW-10	Total/NA	Water	3010A	14
680-67837-9	Field Blank	Total/NA	Water	3010A	
680-67837-10	MW-7U	Total/NA	Water	3010A	
680-67837-10	MW-7U	Total/NA	Water	3010A	
680-67837-10	MW-7U	Total/NA	Water	3010A	
680-67837-11	MW-7L	Total/NA	Water	3010A	

Analysis Batch: 202087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-201782/1-A	MB 680-201782/1-A	Total/NA	Water	6020	201782
LCS 680-201782/2-A	LCS 680-201782/2-A	Total/NA	Water	6020	201782
680-67794-1	LF-5	Total/NA	Water	6020	201782
680-67794-1 MS	LF-5	Total/NA	Water	6020	201782
680-67794-1 MSD	LF-5	Total/NA	Water	6020	201782
680-67794-2	LF-4	Total/NA	Water	6020	201782
680-67794-3	LF-1	Total/NA	Water	6020	201782
680-67794-4	LF-2	Total/NA	Water	6020	201782
680-67794-5	LF-3	Total/NA	Water	6020	201782
680-67794-6	WWL-2	Total/NA	Water	6020	201782
680-67794-7	WWL-1	Total/NA	Water	6020	201782
680-67794-9	Equipment Blank	Total/NA	Water	6020	201782
680-67794-10	WWL-3L	Total/NA	Water	6020	201782
680-67794-11	WWL-3U	Total/NA	Water	6020	201782
680-67794-6	WWL-2	Total/NA	Water	6020	201782
680-67794-7	WWL-1	Total/NA	Water	6020	201782
680-67794-10	WWL-3L	Total/NA	Water	6020	201782

Analysis Batch: 202127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-201784/1-A	MB 680-201784/1-A	Total/NA	Water	6020	201784
LCS 680-201784/2-A	LCS 680-201784/2-A	Total/NA	Water	6020	201784
680-67837-2	RAB-MW4	Total/NA	Water	6020	201784
680-67837-6	NAT-1	Total/NA	Water	6020	201784
680-67837-7	RAB-MW3	Total/NA	Water	6020	201784
680-67837-8	MW-10	Total/NA	Water	6020	201784
680-67837-9	Field Blank	Total/NA	Water	6020	201784
680-67837-11	MW-7L	Total/NA	Water	6020	201784
680-67837-1	RAB-MW2	Total/NA	Water	6020	201784
680-67837-1 MS	RAB-MW2	Total/NA	Water	6020	201784

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Metals (Continued)

Analysis Batch: 202127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-1 MSD	RAB-MW2	Total/NA	Water	6020	201784
680-67837-3	Field Dup	Total/NA	Water	6020	201784
680-67837-4	NAT-3	Total/NA	Water	6020	201784
680-67837-5	NAT-2	Total/NA	Water	6020	201784
680-67837-10	MW-7U	Total/NA	Water	6020	201784
680-67837-1	RAB-MW2	Total/NA	Water	6020	201784
680-67837-1 MS	RAB-MW2	Total/NA	Water	6020	201784
680-67837-1 MSD	RAB-MW2	Total/NA	Water	6020	201784
680-67837-3	Field Dup	Total/NA	Water	6020	201784
680-67837-4	NAT-3	Total/NA	Water	6020	201784
680-67837-10	MW-7U	Total/NA	Water	6020	201784
680-67837-10	MW-7U	Total/NA	Water	6020	201784

General Chemistry

Analysis Batch: 201550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-201550/3	MB 680-201550/3	Total/NA	Water	353.2	
LCS 680-201550/4	LCS 680-201550/4	Total/NA	Water	353.2	
680-67794-1	LF-5	Total/NA	Water	353.2	
680-67794-1 MS	LF-5	Total/NA	Water	353.2	
680-67794-1 MSD	LF-5	Total/NA	Water	353.2	
680-67794-2	LF-4	Total/NA	Water	353.2	
680-67794-3	LF-1	Total/NA	Water	353.2	
680-67794-4	LF-2	Total/NA	Water	353.2	
680-67794-5	LF-3	Total/NA	Water	353.2	
680-67794-6	WWL-2	Total/NA	Water	353.2	
680-67794-7	WWL-1	Total/NA	Water	353.2	
680-67794-9	Equipment Blank	Total/NA	Water	353.2	
680-67794-10	WWL-3L	Total/NA	Water	353.2	
680-67794-11	WWL-3U	Total/NA	Water	353.2	
680-67794-11 DU	WWL-3U	Total/NA	Water	353.2	

Analysis Batch: 201552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-201552/14	MB 680-201552/14	Total/NA	Water	353.2	
LCS 680-201552/15	LCS 680-201552/15	Total/NA	Water	353.2	
680-67837-1	RAB-MW2	Total/NA	Water	353.2	
680-67837-2	RAB-MW4	Total/NA	Water	353.2	
680-67837-4	NAT-3	Total/NA	Water	353.2	
680-67837-5	NAT-2	Total/NA	Water	353.2	
680-67837-7	RAB-MW3	Total/NA	Water	353.2	
680-67837-9	Field Blank	Total/NA	Water	353.2	
680-67837-10	MW-7U	Total/NA	Water	353.2	
680-67837-11	MW-7L	Total/NA	Water	353.2	
680-67837-3	Field Dup	Total/NA	Water	353.2	
680-67837-6	NAT-1	Total/NA	Water	353.2	
680-67837-6 DU	NAT-1	Total/NA	Water	353.2	
680-67837-8	MW-10	Total/NA	Water	353.2	

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QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

General Chemistry (Continued)

Prep Batch: 202674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-202674/1-A	MB 680-202674/1-A	Total/NA	Water	351.2	
LCS 680-202674/2-A	LCS 680-202674/2-A	Total/NA	Water	351.2	
680-67794-1	LF-5	Total/NA	Water	351.2	
680-67794-1 MS	LF-5	Total/NA	Water	351.2	
680-67794-1 MSD	LF-5	Total/NA	Water	351.2	
680-67794-2	LF-4	Total/NA	Water	351.2	
680-67794-3	LF-1	Total/NA	Water	351.2	
680-67794-4	LF-2	Total/NA	Water	351.2	
680-67794-5	LF-3	Total/NA	Water	351.2	
680-67794-6	WWL-2	Total/NA	Water	351.2	
680-67794-7	WWL-1	Total/NA	Water	351.2	
680-67794-9	Equipment Blank	Total/NA	Water	351.2	
680-67794-10	WWL-3L	Total/NA	Water	351.2	
680-67794-11	WWL-3U	Total/NA	Water	351.2	

Analysis Batch: 202820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-202674/1-A	MB 680-202674/1-A	Total/NA	Water	351.2	202674
LCS 680-202674/2-A	LCS 680-202674/2-A	Total/NA	Water	351.2	202674
680-67794-2	LF-4	Total/NA	Water	351.2	202674
680-67794-3	LF-1	Total/NA	Water	351.2	202674
680-67794-4	LF-2	Total/NA	Water	351.2	202674
680-67794-5	LF-3	Total/NA	Water	351.2	202674
680-67794-6	WWL-2	Total/NA	Water	351.2	202674
680-67794-7	WWL-1	Total/NA	Water	351.2	202674
680-67794-9	Equipment Blank	Total/NA	Water	351.2	202674
680-67794-10	WWL-3L	Total/NA	Water	351.2	202674
680-67794-11	WWL-3U	Total/NA	Water	351.2	202674

Analysis Batch: 202881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67794-1	LF-5	Total/NA	Water	351.2	202674
680-67794-1 MSD	LF-5	Total/NA	Water	351.2	202674
680-67794-1 MS	LF-5	Total/NA	Water	351.2	202674

Analysis Batch: 202912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-202912/12	MB 680-202912/12	Total/NA	Water	9060	
LCS 680-202912/13	LCS 680-202912/13	Total/NA	Water	9060	
680-67794-1	LF-5	Total/NA	Water	9060	
680-67794-1 MS	LF-5	Total/NA	Water	9060	
680-67794-1 MSD	LF-5	Total/NA	Water	9060	
680-67794-2	LF-4	Total/NA	Water	9060	
680-67794-2 DU	LF-4	Total/NA	Water	9060	
680-67794-3	LF-1	Total/NA	Water	9060	
680-67794-4	LF-2	Total/NA	Water	9060	
680-67794-5	LF-3	Total/NA	Water	9060	
680-67794-6	WWL-2	Total/NA	Water	9060	
680-67794-9	Equipment Blank	Total/NA	Water	9060	
680-67794-10	WWL-3L	Total/NA	Water	9060	
680-67794-11	WWL-3U	Total/NA	Water	9060	

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

General Chemistry (Continued)

Analysis Batch: 202914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-202914/1	MB 680-202914/1	Total/NA	Water	375.4	
LCS 680-202914/2	LCS 680-202914/2	Total/NA	Water	375.4	
680-67794-9	Equipment Blank	Total/NA	Water	375.4	
680-67794-2	LF-4	Total/NA	Water	375.4	
680-67794-1	LF-5	Total/NA	Water	375.4	
680-67794-1 MS	LF-5	Total/NA	Water	375.4	
680-67794-1 MSD	LF-5	Total/NA	Water	375.4	
680-67794-3	LF-1	Total/NA	Water	375.4	
680-67794-7	WWL-1	Total/NA	Water	375.4	
680-67794-11	WWL-3U	Total/NA	Water	375.4	
680-67794-4	LF-2	Total/NA	Water	375.4	
680-67794-6	WWL-2	Total/NA	Water	375.4	
680-67794-5	LF-3	Total/NA	Water	375.4	
680-67794-10	WWL-3L	Total/NA	Water	375.4	

Analysis Batch: 202965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-202965/2	LCS 680-202965/2	Total/NA	Water	325.2	
680-67794-1	LF-5	Total/NA	Water	325.2	
680-67794-1 MS	LF-5	Total/NA	Water	325.2	
680-67794-1 MSD	LF-5	Total/NA	Water	325.2	
680-67794-3	LF-1	Total/NA	Water	325.2	
680-67794-9	Equipment Blank	Total/NA	Water	325.2	
680-67794-2	LF-4	Total/NA	Water	325.2	
680-67794-4	LF-2	Total/NA	Water	325.2	
680-67794-5	LF-3	Total/NA	Water	325.2	
680-67794-6	WWL-2	Total/NA	Water	325.2	
680-67794-7	WWL-1	Total/NA	Water	325.2	
680-67794-10	WWL-3L	Total/NA	Water	325.2	
680-67794-11	WWL-3U	Total/NA	Water	325.2	
MB 680-202965/17	MB 680-202965/17	Total/NA	Water	325.2	

Prep Batch: 203165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-203165/1-A	MB 680-203165/1-A	Total/NA	Water	351.2	
LCS 680-203165/2-A	LCS 680-203165/2-A	Total/NA	Water	351.2	
680-67837-1	RAB-MW2	Total/NA	Water	351.2	
680-67837-1 DU	RAB-MW2	Total/NA	Water	351.2	
680-67837-2	RAB-MW4	Total/NA	Water	351.2	
680-67837-3	Field Dup	Total/NA	Water	351.2	
680-67837-4	NAT-3	Total/NA	Water	351.2	
680-67837-5	NAT-2	Total/NA	Water	351.2	
680-67837-6	NAT-1	Total/NA	Water	351.2	
680-67837-7	RAB-MW3	Total/NA	Water	351.2	
680-67837-8	MW-10	Total/NA	Water	351.2	
680-67837-9	Field Blank	Total/NA	Water	351.2	
680-67837-10	MW-7U	Total/NA	Water	351.2	
680-67837-11	MW-7L	Total/NA	Water	351.2	

Analysis Batch: 203175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-203175/2	MB 680-203175/2	Total/NA	Water	9060	

TestAmerica Savannah

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

General Chemistry (Continued)

Analysis Batch: 203175 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-203175/3	LCS 680-203175/3	Total/NA	Water	9060	
680-67794-7	WWL-1	Total/NA	Water	9060	

Analysis Batch: 203198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-203198/2	LCS 680-203198/2	Total/NA	Water	325.2	
680-67837-6	NAT-1	Total/NA	Water	325.2	
680-67837-7	RAB-MW3	Total/NA	Water	325.2	
680-67837-11	MW-7L	Total/NA	Water	325.2	
680-67837-4	NAT-3	Total/NA	Water	325.2	
680-67837-8	MW-10	Total/NA	Water	325.2	
680-67837-2	RAB-MW4	Total/NA	Water	325.2	
680-67837-3	Field Dup	Total/NA	Water	325.2	
680-67837-5	NAT-2	Total/NA	Water	325.2	
MB 680-203198/33	MB 680-203198/33	Total/NA	Water	325.2	
680-67837-9	Field Blank	Total/NA	Water	325.2	
680-67837-1	RAB-MW2	Total/NA	Water	325.2	
680-67837-1 MS	RAB-MW2	Total/NA	Water	325.2	
680-67837-1 MSD	RAB-MW2	Total/NA	Water	325.2	
680-67837-10	MW-7U	Total/NA	Water	325.2	
680-67837-10 DU	MW-7U	Total/NA	Water	325.2	

Analysis Batch: 203200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-203200/1	MB 680-203200/1	Total/NA	Water	375.4	
LCS 680-203200/2	LCS 680-203200/2	Total/NA	Water	375.4	
680-67837-3	Field Dup	Total/NA	Water	375.4	
680-67837-4	NAT-3	Total/NA	Water	375.4	
680-67837-7	RAB-MW3	Total/NA	Water	375.4	
680-67837-9	Field Blank	Total/NA	Water	375.4	
680-67837-11	MW-7L	Total/NA	Water	375.4	
680-67837-11 DU	MW-7L	Total/NA	Water	375.4	
680-67837-6	NAT-1	Total/NA	Water	375.4	
680-67837-5	NAT-2	Total/NA	Water	375.4	
680-67837-10	MW-7U	Total/NA	Water	375.4	
680-67837-1 MSD	RAB-MW2	Total/NA	Water	375.4	
680-67837-8	MW-10	Total/NA	Water	375.4	
680-67837-1	RAB-MW2	Total/NA	Water	375.4	
680-67837-1 MS	RAB-MW2	Total/NA	Water	375.4	
680-67837-2	RAB-MW4	Total/NA	Water	375.4	

Analysis Batch: 203380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-203165/1-A	MB 680-203165/1-A	Total/NA	Water	351.2	203165
LCS 680-203165/2-A	LCS 680-203165/2-A	Total/NA	Water	351.2	203165
680-67837-1	RAB-MW2	Total/NA	Water	351.2	203165
680-67837-1 DU	RAB-MW2	Total/NA	Water	351.2	203165
680-67837-2	RAB-MW4	Total/NA	Water	351.2	203165
680-67837-3	Field Dup	Total/NA	Water	351.2	203165
680-67837-4	NAT-3	Total/NA	Water	351.2	203165
680-67837-5	NAT-2	Total/NA	Water	351.2	203165
680-67837-6	NAT-1	Total/NA	Water	351.2	203165

QC Association Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

General Chemistry (Continued)

Analysis Batch: 203380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-67837-8	MW-10	Total/NA	Water	351.2	203165
680-67837-7	RAB-MW3	Total/NA	Water	351.2	203165
680-67837-9	Field Blank	Total/NA	Water	351.2	203165
680-67837-10	MW-7U	Total/NA	Water	351.2	203165
680-67837-11	MW-7L	Total/NA	Water	351.2	203165

Analysis Batch: 203407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-203407/2	MB 680-203407/2	Total/NA	Water	9060	8
LCS 680-203407/3	LCS 680-203407/3	Total/NA	Water	9060	9
680-67837-1	RAB-MW2	Total/NA	Water	9060	10
680-67837-2	RAB-MW4	Total/NA	Water	9060	11
680-67837-3	Field Dup	Total/NA	Water	9060	12
680-67837-4	NAT-3	Total/NA	Water	9060	13
680-67837-5	NAT-2	Total/NA	Water	9060	14
680-67837-6	NAT-1	Total/NA	Water	9060	
680-67837-7	RAB-MW3	Total/NA	Water	9060	
680-67837-8	MW-10	Total/NA	Water	9060	
680-67837-9	Field Blank	Total/NA	Water	9060	
680-67837-10	MW-7U	Total/NA	Water	9060	
680-67837-11	MW-7L	Total/NA	Water	9060	
680-67837-11 MS	MW-7L	Total/NA	Water	9060	
680-67837-11 MSD	MW-7L	Total/NA	Water	9060	

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: LF-5

Date Collected: 04/27/11 09:30

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201744	05/03/11 01:01	RB	TAL SAV
Total/NA	Prep	3520C			500 mL	0.5 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 16:43	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	201557	04/29/11 23:34	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204798	04/29/11 23:34	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		1			202087	05/05/11 20:35	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:09	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202881	05/13/11 12:58	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 10:11	TH	TAL SAV
Total/NA	Analysis	375.4		10	2 mL	2 mL	202914	05/13/11 14:19	JR	TAL SAV
Total/NA	Analysis	325.2		2	2 mL	2 mL	202965	05/14/11 13:00	JR	TAL SAV

Client Sample ID: LF-4

Date Collected: 04/27/11 10:50

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201744	05/03/11 01:29	RB	TAL SAV
Total/NA	Prep	3520C			1049.8 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 17:10	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202506	05/10/11 18:04	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/06/11 21:11	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		1			202087	05/05/11 21:10	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:15	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:48	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 13:59	TH	TAL SAV
Total/NA	Analysis	375.4		1	2 mL	2 mL	202914	05/13/11 14:17	JR	TAL SAV
Total/NA	Analysis	325.2		2	2 mL	2 mL	202965	05/14/11 13:02	JR	TAL SAV

Client Sample ID: LF-1

Date Collected: 04/27/11 09:15

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201921	05/03/11 14:03	RB	TAL SAV
Total/NA	Prep	3520C			1051.2 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 17:38	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 05:53	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/06/11 21:35	TC	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: LF-1

Date Collected: 04/27/11 09:15

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		1			202087	05/05/11 21:17	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:16	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:48	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 14:30	TH	TAL SAV
Total/NA	Analysis	375.4		10	2 mL	2 mL	202914	05/13/11 14:21	JR	TAL SAV
Total/NA	Analysis	325.2		2	2 mL	2 mL	202965	05/14/11 13:00	JR	TAL SAV

Client Sample ID: LF-2

Date Collected: 04/27/11 11:10

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201921	05/03/11 13:06	RB	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 06:17	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/06/11 21:59	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		1			202087	05/05/11 21:24	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:17	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:48	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 14:46	TH	TAL SAV
Total/NA	Analysis	375.4		10	2 mL	2 mL	202914	05/13/11 14:39	JR	TAL SAV
Total/NA	Analysis	325.2		2	2 mL	2 mL	202965	05/14/11 13:05	JR	TAL SAV

Client Sample ID: LF-3

Date Collected: 04/27/11 12:20

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	5 mL	5 mL	201921	05/03/11 15:01	RB	TAL SAV
Total/NA	Analysis	8260B		1	5 mL	5 mL	201923	05/04/11 01:55	RB	TAL SAV
Total/NA	Prep	3520C			1056.5 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 18:05	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 06:40	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/06/11 22:23	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		1			202087	05/05/11 21:45	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:19	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:48	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 15:04	TH	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: LF-3

Lab Sample ID: 680-67794-5

Date Collected: 04/27/11 12:20

Matrix: Water

Date Received: 04/28/11 10:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	375.4		20	2 mL	2 mL	202914	05/13/11 14:40	JR	TAL SAV
Total/NA	Analysis	325.2		2	2 mL	2 mL	202965	05/14/11 13:05	JR	TAL SAV

Client Sample ID: WWL-2

Lab Sample ID: 680-67794-6

Date Collected: 04/27/11 12:45

Matrix: Water

Date Received: 04/28/11 10:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201921	05/03/11 13:34	RB	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 07:04	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/06/11 22:46	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		4			202087	05/05/11 21:52	BR	TAL SAV
Total/NA	Analysis	6020		1			202087	05/06/11 02:11	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:20	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:48	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 15:21	TH	TAL SAV
Total/NA	Analysis	375.4		2	2 mL	2 mL	202914	05/13/11 14:39	JR	TAL SAV
Total/NA	Analysis	325.2		100	2 mL	2 mL	202965	05/14/11 13:05	JR	TAL SAV

Client Sample ID: WWL-1

Lab Sample ID: 680-67794-7

Date Collected: 04/27/11 14:35

Matrix: Water

Date Received: 04/28/11 10:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	5 mL	5 mL	201921	05/03/11 16:27	RB	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 07:28	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/06/11 23:10	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		2			202087	05/05/11 21:59	BR	TAL SAV
Total/NA	Analysis	6020		1			202087	05/06/11 02:19	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:21	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:48	JR	TAL SAV
Total/NA	Analysis	375.4		10	2 mL	2 mL	202914	05/13/11 14:23	JR	TAL SAV
Total/NA	Analysis	325.2		10	2 mL	2 mL	202965	05/14/11 13:05	JR	TAL SAV
Total/NA	Analysis	9060		5	25 mL	25 mL	203175	05/16/11 15:51	KB	TAL SAV

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: Trip Blank 2

Date Collected: 04/27/11 00:00

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201948	05/04/11 19:15	RB	TAL SAV

Client Sample ID: Equipment Blank

Date Collected: 04/27/11 12:45

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201744	05/02/11 20:13	RB	TAL SAV
Total/NA	Prep	3520C			1049.2 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 18:32	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 07:52	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/06/11 23:34	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		1			202087	05/05/11 22:06	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:22	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:48	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 16:03	TH	TAL SAV
Total/NA	Analysis	375.4		1	2 mL	2 mL	202914	05/13/11 13:42	JR	TAL SAV
Total/NA	Analysis	325.2		1	2 mL	2 mL	202965	05/14/11 13:01	JR	TAL SAV

Client Sample ID: WWL-3L

Date Collected: 04/27/11 16:25

Date Received: 04/28/11 10:03

Lab Sample ID: 680-67794-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	5 mL	5 mL	201921	05/03/11 18:55	RB	TAL SAV
Total/NA	Prep	3520C			1046.0 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 19:00	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 08:16	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/06/11 23:58	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		4			202087	05/06/11 10:22	BR	TAL SAV
Total/NA	Analysis	6020		1			202087	05/05/11 22:13	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:24	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:48	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 16:20	TH	TAL SAV
Total/NA	Analysis	375.4	20		2 mL	2 mL	202914	05/13/11 14:40	JR	TAL SAV
Total/NA	Analysis	325.2	20		2 mL	2 mL	202965	05/14/11 13:05	JR	TAL SAV

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: WWL-3U

Lab Sample ID: 680-67794-11

Matrix: Water

Date Collected: 04/27/11 14:30

Date Received: 04/28/11 10:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	201923	05/04/11 02:24	RB	TAL SAV
Total/NA	Analysis	8260B	RA	10	5 mL	5 mL	203845	05/24/11 05:05	RB	TAL SAV
Total/NA	Prep	3520C			1038.8 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 19:27	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 08:40	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/07/11 00:22	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201782	05/03/11 17:33	RA	TAL SAV
Total/NA	Analysis	6020		1			202087	05/05/11 22:20	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201550	04/28/11 17:25	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	202674	05/11/11 19:55	JR	TAL SAV
Total/NA	Analysis	351.2		1			202820	05/12/11 15:57	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	202912	05/13/11 16:36	TH	TAL SAV
Total/NA	Analysis	375.4		10	2 mL	2 mL	202914	05/13/11 14:25	JR	TAL SAV
Total/NA	Analysis	325.2		10	2 mL	2 mL	202965	05/14/11 13:05	JR	TAL SAV

Client Sample ID: RAB-MW2

Lab Sample ID: 680-67837-1

Matrix: Water

Date Collected: 04/28/11 10:05

Date Received: 04/29/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	202067	05/05/11 16:27	RB	TAL SAV
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	202151	05/05/11 22:26	RB	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 09:04	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/07/11 00:46	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		2			202127	05/06/11 09:33	BR	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 01:08	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201552	04/29/11 17:35	JR	TAL SAV
Total/NA	Analysis	325.2		10	2 mL	2 mL	203198	05/17/11 11:37	JR	TAL SAV
Total/NA	Analysis	375.4		40	2 mL	2 mL	203200	05/17/11 14:14	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:45	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 12:55	KB	TAL SAV

Client Sample ID: RAB-MW4

Lab Sample ID: 680-67837-2

Matrix: Water

Date Collected: 04/28/11 11:00

Date Received: 04/29/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201948	05/04/11 15:54	RB	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202262	05/08/11 09:27	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204802	05/07/11 01:09	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: RAB-MW4

Lab Sample ID: 680-67837-2

Matrix: Water

Date Collected: 04/28/11 11:00
Date Received: 04/29/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	6020		1			202127	05/05/11 23:16	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201552	04/29/11 17:38	JR	TAL SAV
Total/NA	Analysis	325.2		5	2 mL	2 mL	203198	05/17/11 11:24	JR	TAL SAV
Total/NA	Analysis	375.4		100	2 mL	2 mL	203200	05/17/11 14:14	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:45	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 13:12	KB	TAL SAV

Client Sample ID: Field Dup

Lab Sample ID: 680-67837-3

Matrix: Water

Date Collected: 04/28/11 00:00
Date Received: 04/29/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	202067	05/05/11 16:56	RB	TAL SAV
Total/NA	Analysis	8260B	DL	4000	5 mL	5 mL	202151	05/05/11 23:12	RB	TAL SAV
Total/NA	Prep	3520C			1057.5 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 22:37	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 20:24	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/11/11 21:54	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		10			202127	05/06/11 09:54	BR	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 01:29	BR	TAL SAV
Total/NA	Analysis	353.2		5	2 mL	2 mL	201552	04/29/11 18:17	JR	TAL SAV
Total/NA	Analysis	325.2		5	2 mL	2 mL	203198	05/17/11 11:24	JR	TAL SAV
Total/NA	Analysis	375.4		1	2 mL	2 mL	203200	05/17/11 13:23	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:45	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 13:31	KB	TAL SAV

Client Sample ID: NAT-3

Lab Sample ID: 680-67837-4

Matrix: Water

Date Collected: 04/28/11 10:45
Date Received: 04/29/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	202067	05/05/11 17:25	RB	TAL SAV
Total/NA	Analysis	8260B	DL	4000	5 mL	5 mL	202151	05/05/11 23:35	RB	TAL SAV
Total/NA	Prep	3520C			1041.5 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			202342	05/09/11 23:04	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 20:48	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/11/11 22:18	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		10			202127	05/06/11 10:01	BR	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 01:36	BR	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: NAT-3

Date Collected: 04/28/11 10:45

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	2 mL	2 mL	201552	04/29/11 17:41	JR	TAL SAV
Total/NA	Analysis	325.2		5	2 mL	2 mL	203198	05/17/11 11:20	JR	TAL SAV
Total/NA	Analysis	375.4		1	2 mL	2 mL	203200	05/17/11 13:23	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:45	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 13:50	KB	TAL SAV

Client Sample ID: NAT-2

Date Collected: 04/28/11 12:20

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201948	05/04/11 16:23	RB	TAL SAV
Total/NA	Analysis	8260B	DL	500	5 mL	5 mL	202151	05/05/11 22:49	RB	TAL SAV
Total/NA	Prep	3520C			1037.0 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			203354	05/18/11 16:52	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 21:12	DH	TAL SAV
Total/NA	Analysis	8015B	DL	50	1.0	1 mL	202859	05/13/11 12:47	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/11/11 22:42	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 01:43	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201552	04/29/11 17:42	JR	TAL SAV
Total/NA	Analysis	325.2		2	2 mL	2 mL	203198	05/17/11 11:24	JR	TAL SAV
Total/NA	Analysis	375.4		5	2 mL	2 mL	203200	05/17/11 13:59	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:45	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 14:09	KB	TAL SAV

Client Sample ID: NAT-1

Date Collected: 04/28/11 14:40

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	202067	05/05/11 13:28	RB	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 21:35	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/11/11 23:06	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		1			202127	05/05/11 23:44	BR	TAL SAV
Total/NA	Analysis	353.2		20	2 mL	2 mL	201552	04/29/11 18:20	JR	TAL SAV
Total/NA	Analysis	325.2		1	2 mL	2 mL	203198	05/17/11 10:45	JR	TAL SAV
Total/NA	Analysis	375.4		10	2 mL	2 mL	203200	05/17/11 13:57	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:45	JR	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: NAT-1

Lab Sample ID: 680-67837-6

Date Collected: 04/28/11 14:40

Matrix: Water

Date Received: 04/29/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 14:29	KB	TAL SAV

Client Sample ID: RAB-MW3

Lab Sample ID: 680-67837-7

Date Collected: 04/28/11 12:15

Matrix: Water

Date Received: 04/29/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201948	05/04/11 17:20	RB	TAL SAV
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	202067	05/05/11 15:59	RB	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 21:59	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/11/11 23:30	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 00:19	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201552	04/29/11 17:46	JR	TAL SAV
Total/NA	Analysis	325.2		1	2 mL	2 mL	203198	05/17/11 10:45	JR	TAL SAV
Total/NA	Analysis	375.4		1	2 mL	2 mL	203200	05/17/11 13:25	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:54	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 14:45	KB	TAL SAV

Client Sample ID: MW-10

Lab Sample ID: 680-67837-8

Date Collected: 04/28/11 14:40

Matrix: Water

Date Received: 04/29/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	202067	05/05/11 13:56	RB	TAL SAV
Total/NA	Prep	3520C			1038.2 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			203354	05/18/11 17:19	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 22:23	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/11/11 23:54	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 00:26	BR	TAL SAV
Total/NA	Analysis	353.2		5	2 mL	2 mL	201552	04/29/11 18:32	JR	TAL SAV
Total/NA	Analysis	325.2		5	2 mL	2 mL	203198	05/17/11 11:20	JR	TAL SAV
Total/NA	Analysis	375.4		20	2 mL	2 mL	203200	05/17/11 14:12	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:45	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 15:06	KB	TAL SAV

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: Field Blank

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201948	05/04/11 13:30	RB	TAL SAV
Total/NA	Prep	3520C			1047.5 mL	1 mL	201990	05/05/11 14:45	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			203354	05/18/11 18:40	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 22:47	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/12/11 00:18	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 00:33	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201552	04/29/11 17:48	JR	TAL SAV
Total/NA	Analysis	325.2		1	2 mL	2 mL	203198	05/17/11 11:29	JR	TAL SAV
Total/NA	Analysis	375.4		1	2 mL	2 mL	203200	05/17/11 13:49	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:54	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 15:22	KB	TAL SAV

Client Sample ID: MW-7U

Date Collected: 04/28/11 16:35

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	202067	05/05/11 14:25	RB	TAL SAV
Total/NA	Prep	3520C			1051.2 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			203354	05/18/11 17:46	ND	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 23:11	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/12/11 00:42	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		2			202127	05/06/11 10:15	BR	TAL SAV
Total/NA	Analysis	6020		10			202127	05/06/11 10:49	BR	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 01:50	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201552	04/29/11 17:49	JR	TAL SAV
Total/NA	Analysis	325.2		50	2 mL	2 mL	203198	05/17/11 11:37	JR	TAL SAV
Total/NA	Analysis	375.2		20	2 mL	2 mL	203200	05/17/11 14:10	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:54	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 15:38	KB	TAL SAV

Client Sample ID: MW-7L

Date Collected: 04/28/11 16:40

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201948	05/04/11 18:47	RB	TAL SAV
Total/NA	Prep	3520C			1049.4 mL	1 mL	201675	05/03/11 14:47	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1			203354	05/18/11 18:13	ND	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Ashland Inc.
Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1
SDG: HAQ035

Client Sample ID: MW-7L

Date Collected: 04/28/11 16:40

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	1.0	1 mL	202840	05/12/11 23:35	DH	TAL SAV
Total/NA	Analysis	8015B		1	1.0	1 mL	204805	05/12/11 01:06	TC	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	201784	05/03/11 17:39	RA	TAL SAV
Total/NA	Analysis	6020		1			202127	05/06/11 00:47	BR	TAL SAV
Total/NA	Analysis	353.2		1	2 mL	2 mL	201552	04/29/11 17:53	JR	TAL SAV
Total/NA	Analysis	325.2		1	2 mL	2 mL	203198	05/17/11 10:56	JR	TAL SAV
Total/NA	Analysis	375.4		2	2 mL	2 mL	203200	05/17/11 13:51	JR	TAL SAV
Total/NA	Prep	351.2			20 mL	20 mL	203165	05/17/11 10:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1			203380	05/18/11 15:54	JR	TAL SAV
Total/NA	Analysis	9060		1	25 mL	25 mL	203407	05/17/11 16:35	KB	TAL SAV

Client Sample ID: Trip Blank 3

Date Collected: 04/28/11 00:00

Date Received: 04/29/11 09:28

Lab Sample ID: 680-67837-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	201948	05/04/11 13:59	RB	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 038874

TestAmerica Corrective Action

THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

TestAmerica Savannah
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

THE LEADER IN ENVIRONMENTAL TESTING

Phone:
Fax: Alternate Laboratory Name/Location

PROJECT REFERENCE	PROJECT NO. Aquation	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS												PAGE	OF	
				STANDARD REPORT			EXPEDITED REPORT			NUMBER OF COOLERS SUBMITTED PER SHIPMENT								
TAL (LAB) PROJECT MANAGER Licia Guizzia	P.O. NUMBER	CONTRACT NO.		X	X	X	X	X	X	X	X	X	X	X	X	1	1	
CLIENT (SITE) PM EVA Wright	CLIENT PHONE	CLIENT FAX		X	X	X	X	X	X	X	X	X	X	X	X	0	0	
CLIENT NAME GES	CLIENT E-MAIL			X	X	X	X	X	X	X	X	X	X	X	X	0	0	
CLIENT ADDRESS				X	X	X	X	X	X	X	X	X	X	X	X	0	0	
COMPANY CONTRACTING THIS WORK (if applicable)																		
SAMPLE		SAMPLE IDENTIFICATION														REMARKS		
DATE	TIME																	
4/27	0930	LF-5		X	X	X	X	X	X	X	X	X	X	X	X			
		MS/MSD		X	X	X	X	X	X	X	X	X	X	X	X			
		LF-4		X	X	X	X	X	X	X	X	X	X	X	X			
		LF-1		X	X	X	X	X	X	X	X	X	X	X	X			
		LF-2		X	X	X	X	X	X	X	X	X	X	X	X			
		LF-3		X	X	X	X	X	X	X	X	X	X	X	X			
		WNL-2		X	X	X	X	X	X	X	X	X	X	X	X			
		WNL-1		X	X	X	X	X	X	X	X	X	X	X	X			
		TriP Blank 2		X	X	X	X	X	X	X	X	X	X	X	X			
		Equipment Blank		X	X	X	X	X	X	X	X	X	X	X	X			
		WNL-3L		X	X	X	X	X	X	X	X	X	X	X	X			
		WNL-3U		X	X	X	X	X	X	X	X	X	X	X	X			
RELINQUISHED BY: <i>John Hall</i>	DATE: 4/27/11	TIME: 1630	RELINQUISHED BY: (SIGNATURE)													RElinquished by: (Signature)	DATE	TIME
RECEIVED BY: <i>Mark</i>	DATE: 4/28/11	TIME: 1030	RECEIVED BY: (SIGNATURE)													Received by: (Signature)	DATE	TIME
LABORATORY USE ONLY																		
RECEIVED FOR LABORATORY BY: <i>Mark</i>	DATE: 4/28/11	TIME: 1030	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS												
				68-66794	26	2.2/13/1.9/1.3/2.0 °C												

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TAI.8240-680 (10/08)

TestAmerica

Corrective Action

THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

 Alternate Laboratory Name/LocationPhone:
Fax:

PROJECT REFERENCE Agava	PROJECT NO. 1201555		PROJECT LOCATION (STATE) CONTRACT NO.	MATRIX TYPE	REQUIRED ANALYSIS		PAGE 1	OF 1
	P.O. NUMBER Liana Givizia	CLIENT PHONE CLIENT E-MAIL Eric Wright GES			STANDARD REPORT DELIVERY DATE DUE 0	EXPEDITED REPORT DELIVERY (SURCHARGE) DATE DUE 0		
CLIENT (SITE) PM GES	CLIENT ADDRESS	COMPONENT (C) OR GRAB (G) INDICATE ACQUOUS MATERI SOLID OR SEMISOLID	NONAQUEOUS LIQUID (OIL, SOLVENT...)	AIR	NUMBER OF COOLERS SUBMITTED PER SHIPMENT	REMARKS		
COMPANY CONTRACTING THIS WORK (if applicable)	SAMPLE	SAMPLE IDENTIFICATION						
	DATE	TIME						
4/28/11	1005	RAB - MW2	GX	X X X X X X X X X X				
	1100	RAB - MW4	111	X				
		Field DUP						
1045	NAT-3		X X					
1220	NAT-2							
1440	NAT-1							
1215	RAB - MW3							
1440	MW-10							
	Field BLANK							
1635	MW-7V							
1640	MW-7L							
	TRIP Blunk 3							
Kate Hall	4/26/11	1830	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
RECEIVED FOR LABORATORY BY: Mark Lamm	DATE 4/29/11	TIME 0928	CUSTODY INTACT YES NO	CUSTODY SEAL NO. 688-67837	SAVANNAH LOG NO.	LABORATORY REMARKS 0.2/0.2/0.4/0.3/0.5 °C		
LABORATORY USE ONLY								
TA18240-680 (100K)								

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Login Sample Receipt Checklist

Client: Ashland Inc.

Job Number: 680-67794-1

SDG Number: HAQ035

Login Number: 67794

List Source: TestAmerica Savannah

List Number: 1

Creator: Conner, Keaton

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	6 coolers rec'd on ice
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3 - 2.6 C Temp Range
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	1 liter -11 received broken
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Ashland Inc.

Job Number: 680-67794-1

SDG Number: HAQ035

Login Number: 67837

List Source: TestAmerica Savannah

List Number: 1

Creator: Conner, Keaton

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	5 coolers rec'd on ice
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.2 - 0.5 C Temp Range
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	-3 &-4: 250ml (R) & -3,-4,-5: 125ml amber (HCL) ph needs to be adjusted Insufficient volume received for MS/MSD.
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	Insufficient volume received for MS/MSD.
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Ashland Inc.

Project/Site: Aqualon Hopewell - GW CA APR 2011

TestAmerica Job ID: 680-67794-1

SDG: HAQ035

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP	0	0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025	0	399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA	0	SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.